

## Product Datasheet

### ACTA2 Rabbit Polyclonal Antibody (orb195993)

<b>Catalog Number</b>	orb195993
<b>Category</b>	Antibodies
<b>Description</b>	ACTA2 Rabbit Polyclonal Antibody is an unconjugated antibody that specifically recognizes ACTA2. Generated against a KLH conjugated synthetic peptide derived from human SM alpha-actin. The peptide is available as orb394004. It is supplied in liquid form and exhibits reactivity with Human, Mouse, Porcine and Rat samples. The suitable applications for this antibody are ICC, IF, IHC-P and WB.
<b>Target</b>	ACTA2
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Porcine, Rat
<b>Form/Appearance</b>	10 mM PBS, 0.02% sodium azide
<b>Concentration</b>	- 100 µg (in 200 µl): 0.5 mg/ml- 200 µg (in 400 µl): 0.5 mg/ml
<b>Purity</b>	Polyclonal antibodies are purified by peptide affinity chromatography
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human SM alpha-actin. Please contact us for the exact immunogen sequence. The peptide is available as orb394004.
<b>UniProt ID</b>	<b>P62736, P62737, P62738</b>

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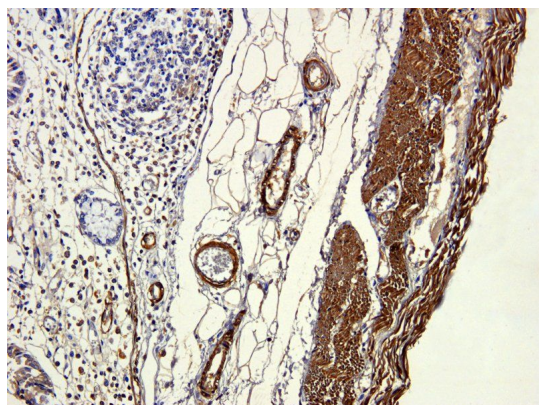
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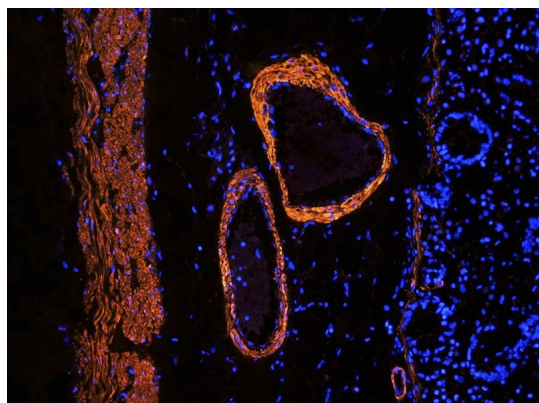
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<b>Tested applications</b>	ICC, IF, IHC-P, WB
<b>Dilution range</b>	IF/ICC: 1:500, WB: 1:200, IHC-P: 1:500
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Entrez</b>	<b>88</b>
<b>Expiration Date</b>	12 months from date of receipt.



Immunohistochemical staining of pig large intestines tissue using anti-SM alpha-actin (dilution of primary antibody - 1:500)



IF analysis of pig large intestines tissue using anti-SM alpha-actin (dilution of primary antibody at 1:500)

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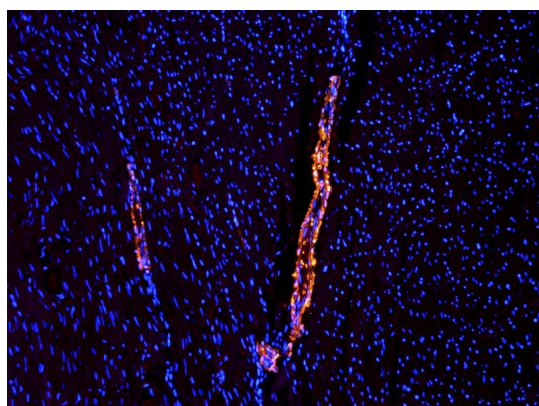
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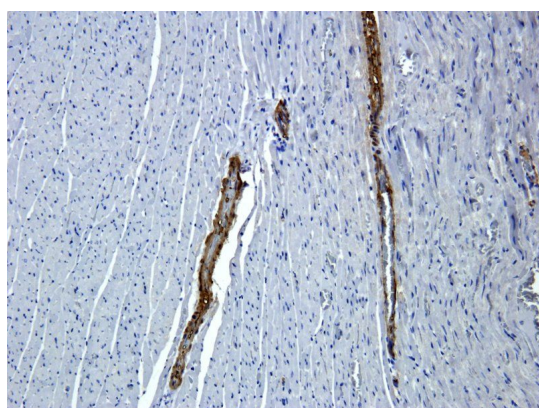
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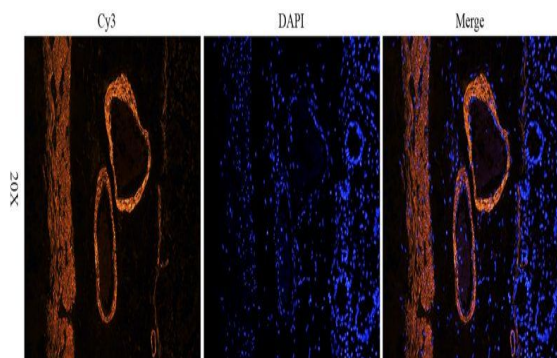
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IF image of rat heart tissue using anti-SM alpha-actin (primary antibody at 1:500)



Immunohistochemical staining of paraffin embedded rat heart tissue using SM alpha-actin antibody (primary antibody at 1:500)



IF analysis of pig large intestines tissue using SM alpha-actin antibody (dilution of primary antibody at 1:500)

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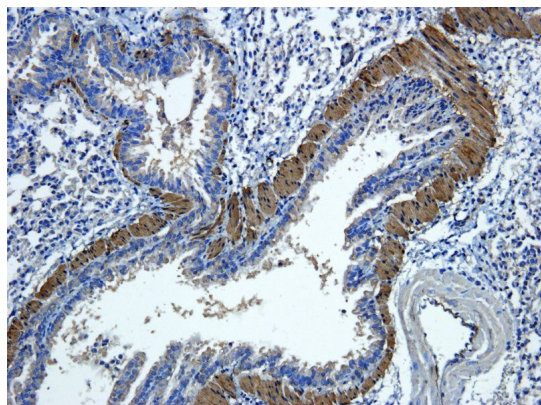
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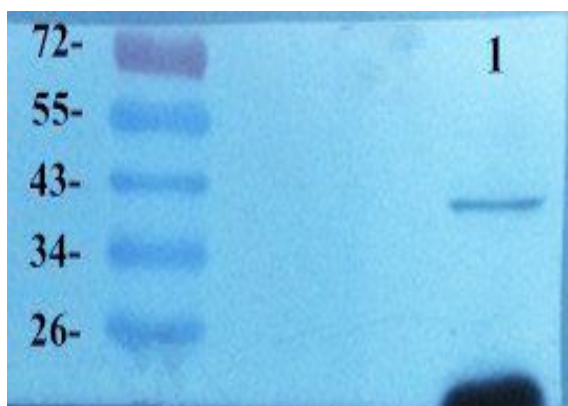
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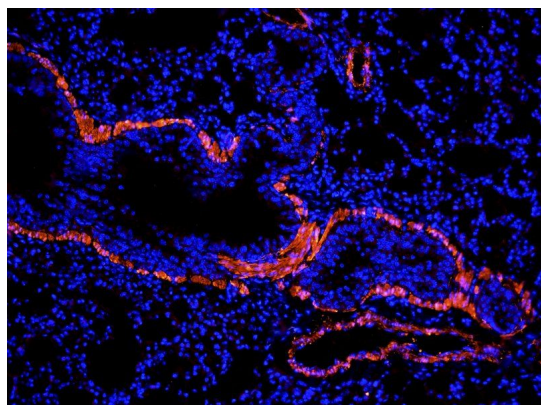
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IHC-P staining of mouse lung tissue using SM alpha-actin antibody (dilution at 1:500)



WB analysis of Mouse large intestine tissue using Smooth muscle alpha-actin antibody dilution of primary antibody - (1:200)



IF image of mouse lung tissue using anti-SM alpha-actin (primary antibody at 1:500)

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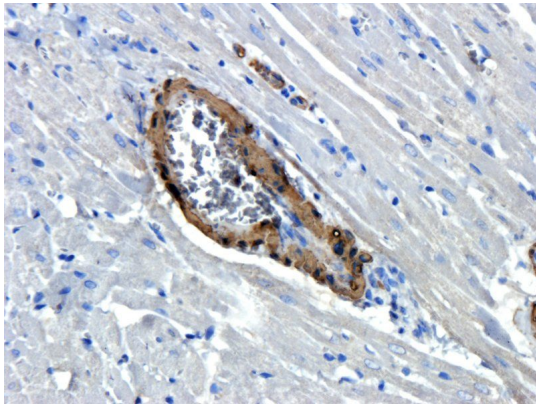
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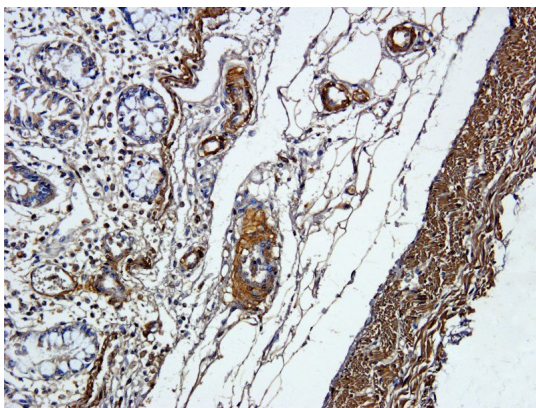
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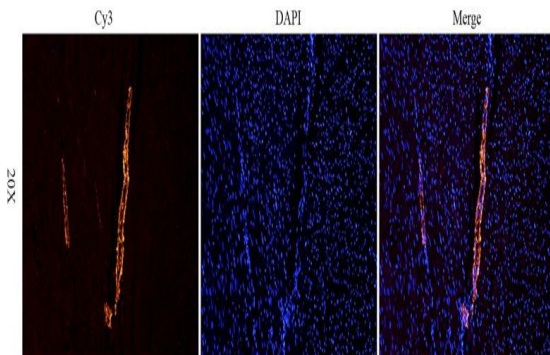
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IHC-P image of rat heart tissue using SM alpha-actin antibody (dilution of primary antibody at 1:500)



Immunohistochemical staining of pig large intestines tissue using SM alpha-actin antibody (dilution of primary antibody - 1:500)



Immunofluorescence analysis of rat heart tissue using SM alpha-actin antibody (dilution of primary antibody - 1:500)

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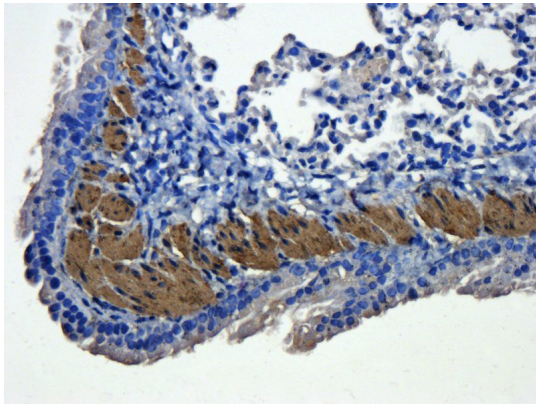
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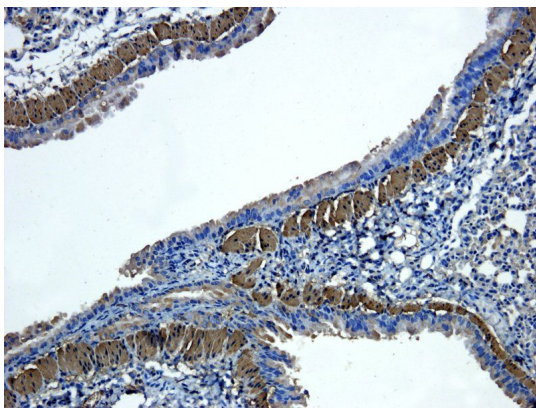
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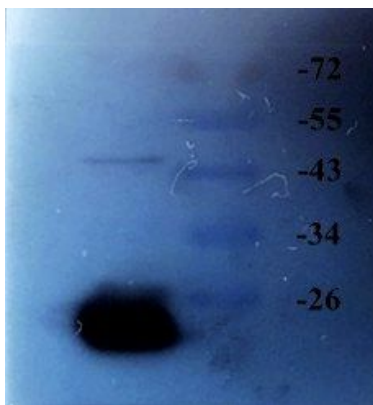
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Immunohistochemical staining of paraffin embedded mouse lung tissue using SM alpha-actin antibody (primary antibody at 1:500)



IHC-P staining of mouse lung tissue using SM alpha-actin antibody (dilution at 1:500)



Western blot analysis of Mouse large intestine tissue using Smooth muscle alpha-actin antibody primary antibody at (1:100)

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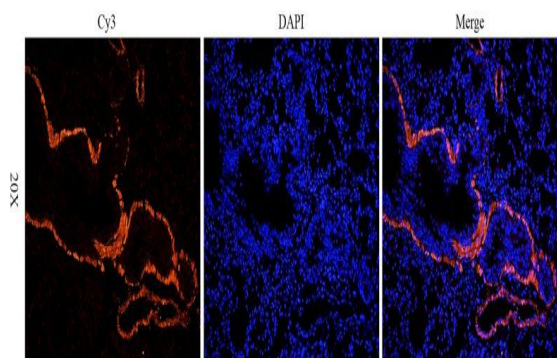
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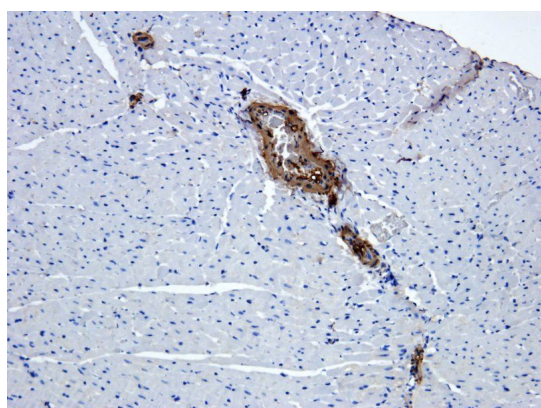
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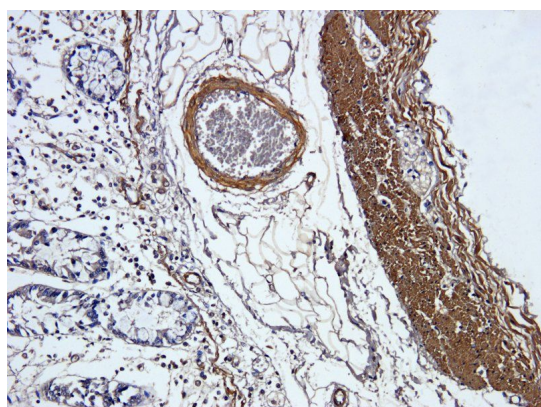
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Immunofluorescence image of mouse lung tissue using anti-SM alpha-actin (dilution at 1:500)



IHC-P image of rat heart tissue using anti-SM alpha-actin (dilution of primary antibody at 1:500)



IHC-P staining of pig large intestines tissue using SM alpha-actin antibody (dilution at 1:500)

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