

## Product Datasheet

# alpha 1 Antitrypsin Rabbit Polyclonal Antibody (orb339609)

<b>Catalog Number</b>	orb339609
<b>Category</b>	Antibodies
<b>Description</b>	alpha 1 Antitrypsin Rabbit Polyclonal Antibody is an unconjugated antibody that specifically recognizes alpha 1 Antitrypsin. Generated against a Recombinant human alpha 1 Antitrypsin protein. The protein is available as (orb315533) was used as immunogen. It is supplied in liquid form and exhibits reactivity with Mouse and Rat samples. The suitable applications for this antibody are IHC-P and WB.
<b>Target</b>	alpha 1 Antitrypsin
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Mouse, 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>	Recombinant human alpha 1 Antitrypsin protein. The protein is available as (orb315533) was used as immunogen.
<b>MW</b>	42.8 kDa

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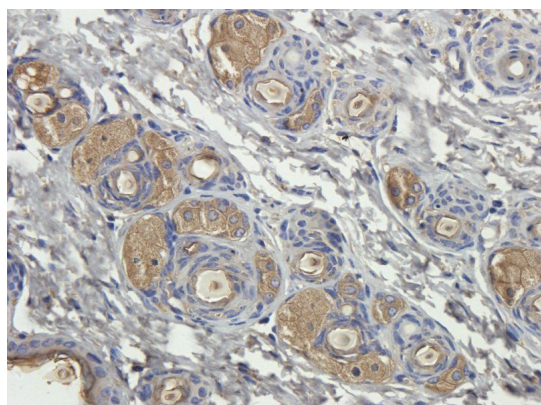
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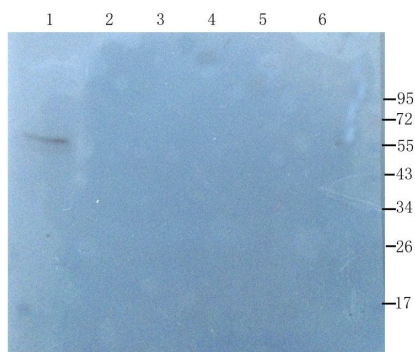
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<b>Tested applications</b>	IHC-P, WB
<b>Dilution range</b>	IHC-P: 1:100-1000, WB: 1:100-2000
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



IHC-P staining of mouse skin tissue using anti-alpha 1 Antitrypsin antibody (2.5 ug/ml)



WB analysis of human lung cancer (lane 1), rat lymph node (lane 2), rat brain (lane 3), rat thymus (lane 4), rat pancreas (lane 5), rat testis (lane 6) 1 ug/mL using alpha 1 Antitrypsin antibody

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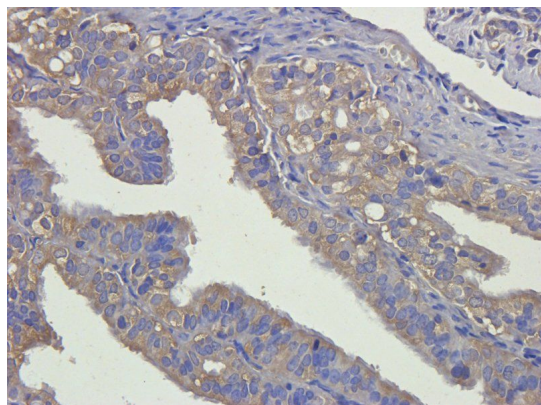
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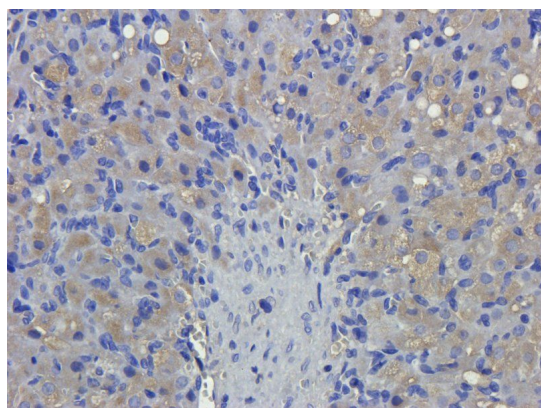
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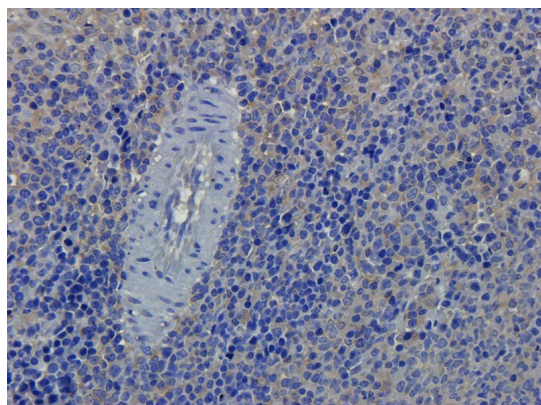
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IHC-P staining of rat ovary tissue using alpha 1 Antitrypsin antibody (2.5 ug/ml)



IHC-P image of rat ovary tissue using anti-alpha 1 Antitrypsin antibody (2.5 ug/ml)



Immunohistochemical staining of paraffin embedded rat spleen tissue using alpha 1 Antitrypsin antibody (2.5 ug/ml)

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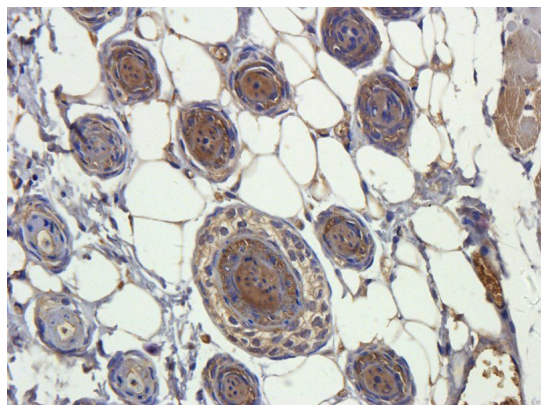
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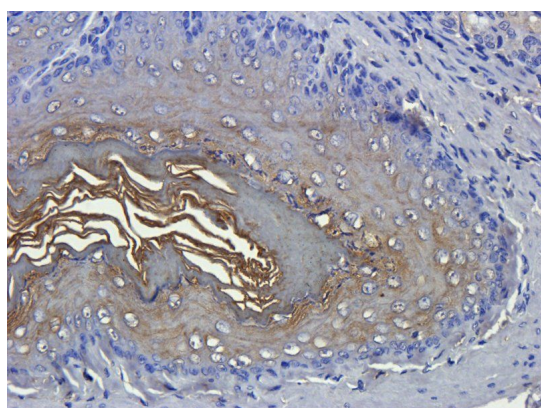
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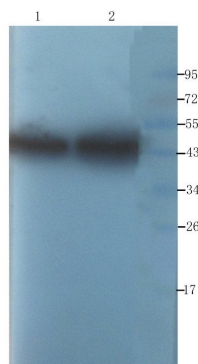
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IHC-P image of mouse skin tissue using alpha 1 Antitrypsin antibody (2.5 ug/ml)



Immunohistochemical staining of rat stomach tissue using anti-alpha 1 Antitrypsin antibody (2.5 ug/ml)



Western blot analysis of alpha 1 Antitrypsin antibody protein 50 ng (lane 1), alpha 1 Antitrypsin antibody protein 100ng (lane 2) 1 ug/mL using alpha 1 Antitrypsin antibody

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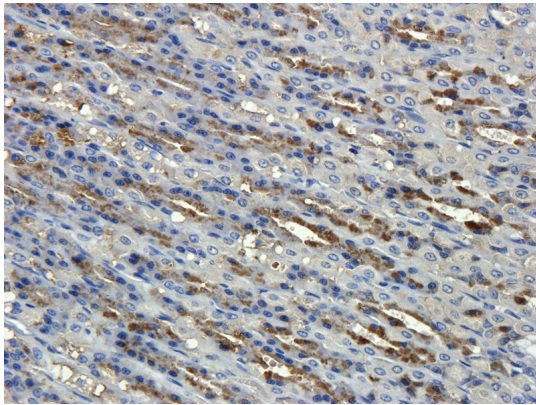
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Immunohistochemical staining of paraffin embedded rat stomach tissue using anti-alpha 1 Antitrypsin antibody (2.5 ug/ml)

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