

Product Datasheet

Collagen IV Rabbit Polyclonal Antibody (orb340147)

Catalog Number	orb340147
Category	Antibodies
Description	Collagen IV Rabbit Polyclonal Antibody is an unconjugated antibody that specifically recognizes Collagen IV. Generated against a KLH conjugated synthetic peptide derived from human Collagen IV. The peptide is available as orb374961. It is supplied in liquid form and exhibits reactivity with Human, Mouse and Rat samples. The suitable applications for this antibody are ELISA, IHC-P and WB.
Target	Collagen IV
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	10 mM PBS, 0.02% sodium azide
Concentration	- 100 µg (in 200 µl): 0.5 mg/ml- 200 µg (in 400 µl): 0.5 mg/ml
Purity	Polyclonal antibodies are purified by peptide affinity chromatography
Immunogen	KLH conjugated synthetic peptide derived from human Collagen IV. Please contact us for the exact immunogen sequence. The peptide is available as orb374961.

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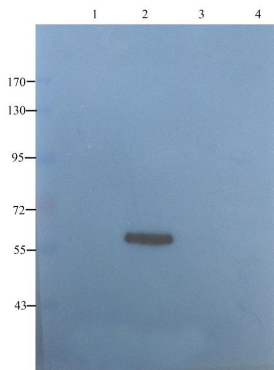
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UniProt ID	P02463, F1MA59, P02462
MW	161 kDa
Tested applications	ELISA, IHC-P, WB
Dilution range	WB: 1:100-800, IHC-P: 1:100-500 (based on 0.5 mg/ml)
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	1282
NCBI	001290039, 001303110
Expiration Date	12 months from date of receipt.



WB analysis of rat bladder (lane 1), rat uterus (lane 2), rat testis (lane 3), mouse kidney (lane 4) using Collagen IV antibody (1 ug/ml)

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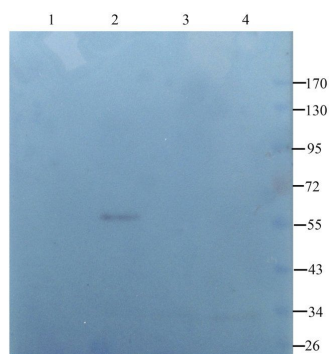
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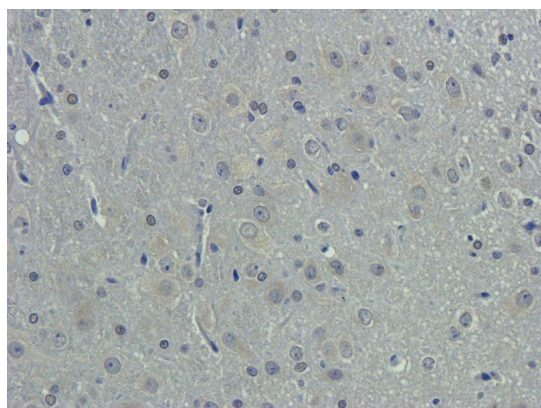
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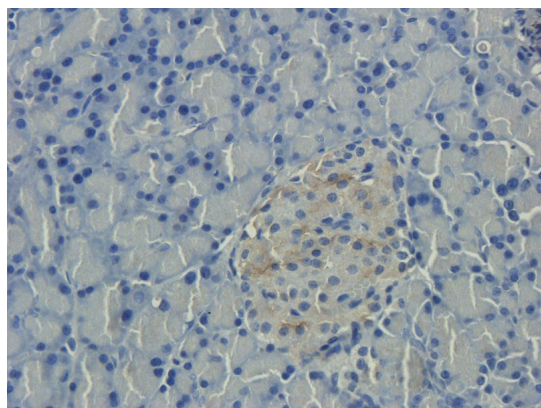
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Western blot analysis of rat brain (lane 1), U251 cells (lane 2), rat stomach (lane 3), mouse liver (lane 4) using Collagen IV antibody (3.5 ug/ml)



IHC-P staining of rat brain tissue using Collagen IV antibody (2.5 ug/ml)



IHC-P image of rat pancreas tissue using anti-Collagen IV (2.5 ug/ml)

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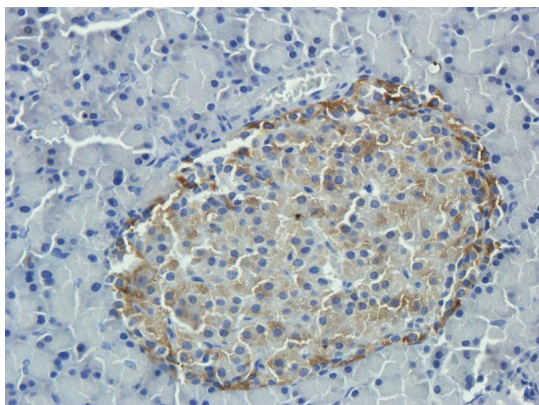
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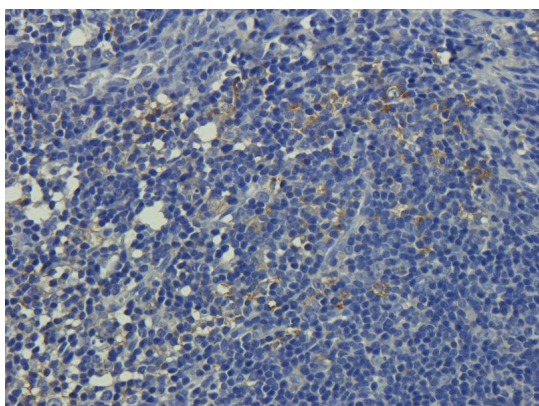
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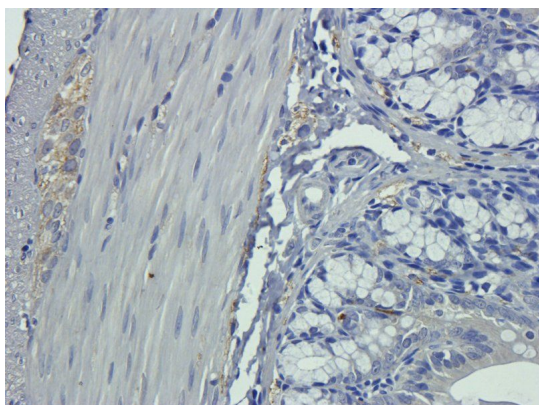
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Immunohistochemical staining of paraffin embedded rat pancreas tissue using Collagen IV antibody (2.5 ug/ml)



IHC-P image of rat colon tissue using Collagen IV antibody (2.5 ug/ml)



Immunohistochemical staining of rat colon tissue using anti-Collagen IV (2.5 ug/ml)

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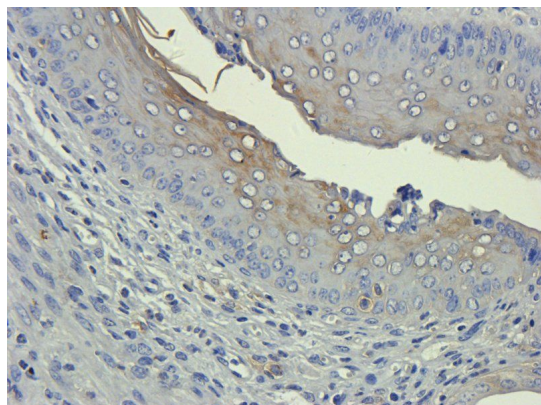
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Immunohistochemical staining of paraffin embedded mouse uterus tissue using anti-Collagen IV (2.5 ug/ml)

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