

## Product Datasheet

# alpha 1 Antitrypsin Rabbit Polyclonal Antibody (orb339610)

<b>Catalog Number</b>	orb339610
<b>Category</b>	Antibodies
<b>Description</b>	alpha 1 Antitrypsin Rabbit Polyclonal Antibody
<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>	47 kDa
<b>Tested applications</b>	IHC-P, WB
<b>Dilution range</b>	IHC-P: 1:100-1000, WB: 1:100-2000

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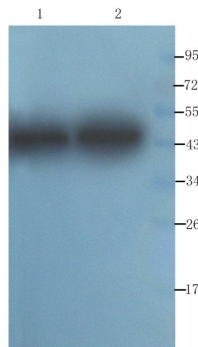
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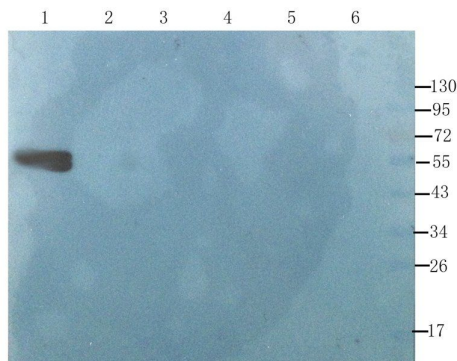
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



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



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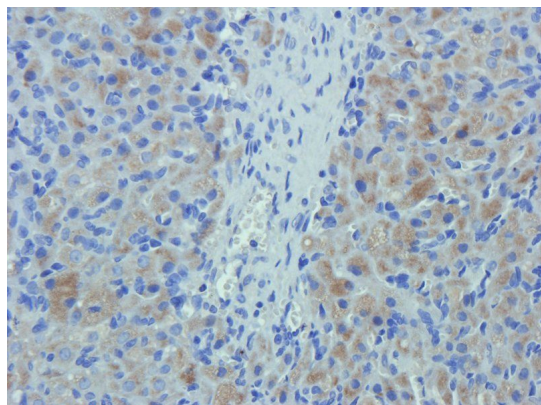
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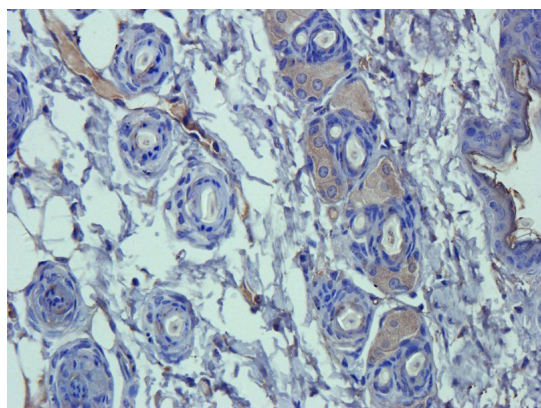
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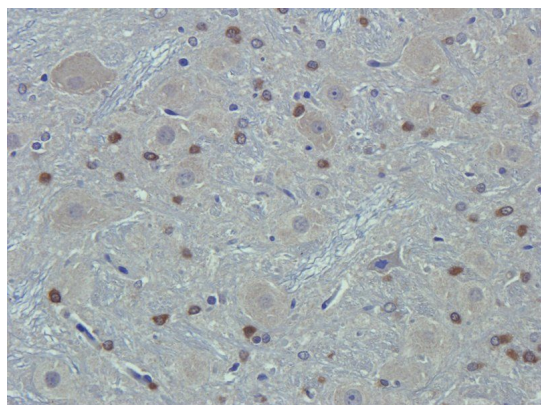
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IHC-P image of rat ovary tissue using alpha 1 Antitrypsin antibody (2.5 ug/ml)



Immunohistochemical staining of mouse skin tissue using alpha 1 Antitrypsin antibody (2.5 ug/ml)



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

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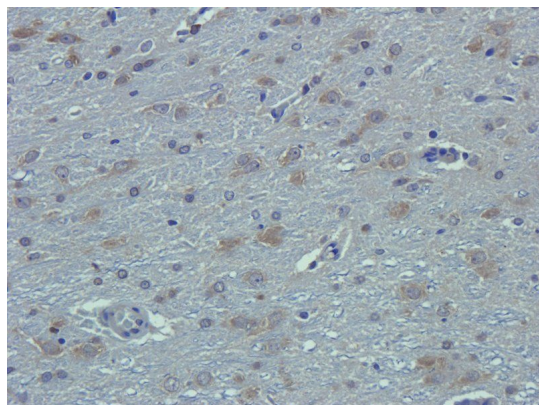
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Immunohistochemical staining of paraffin embedded rat brain tissue using alpha 1 Antitrypsin antibody (2.5 ug/ml)

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