

Product Datasheet

Ribosomal Protein L22 Antibody (orb1247018)

Catalog Number	orb1247018
Description	Ribosomal Protein L22 Antibody
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, IHC
Immunogen	The immunogen for this antibody is: C-SKESYELRYFQINQ
Target	RPL22
Preservatives	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Form/Appearance	Liquid
Concentration	500 ug/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

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Application notes

Peptide ELISA: antibody detection limit dilution 1:16000. Western Blot: Preliminary experiments gave bands at approx 17-18kDa and 25kDa in Human Liver lysates after 0.5ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 14.8kDa according to NP_000974.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). This batch is not expected to cross-react with Mouse and Rat in Western blot. Immunohistochemistry: In paraffin embedded Human Brain (Cortex) shows cytoplasm staining in neuronal bodies. Recommended concentration: 3-6ug/ml. Paraffin embedded Human Thyroid, Uterus and Testis. Recommended concentration: 3.75ug/ml.

Clonality

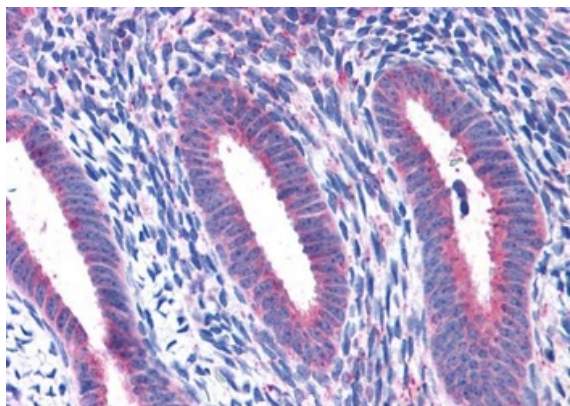
Polyclonal

Antibody Type

Primary Antibody

Uniprot ID**P35268****NCBI****NP_000974.1****Expiration Date**

12 months from date of receipt.



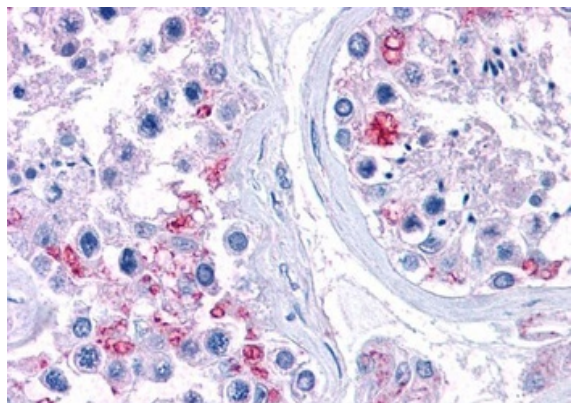
orb1247018 (3.8 ug/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

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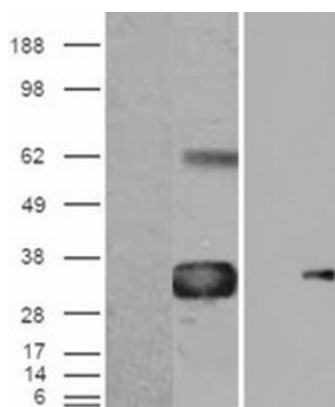
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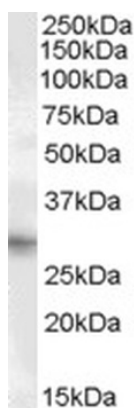
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orb1247018 (3.75 ug/ml) staining of paraffin embedded Human Thyroid. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



orb1247018 (3.75 ug/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



orb1247018 (3.75 ug/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

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