

RGPD5 Antibody

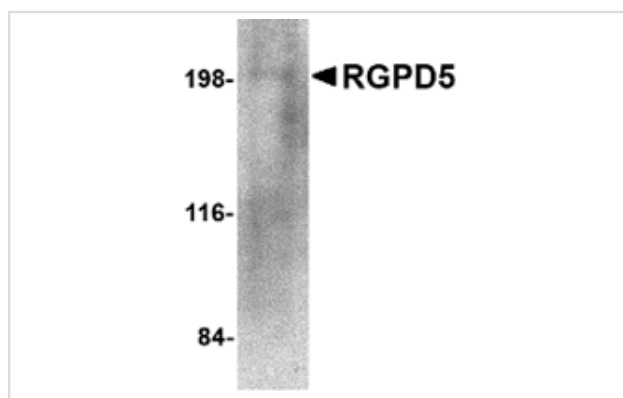
Catalog No: #24674

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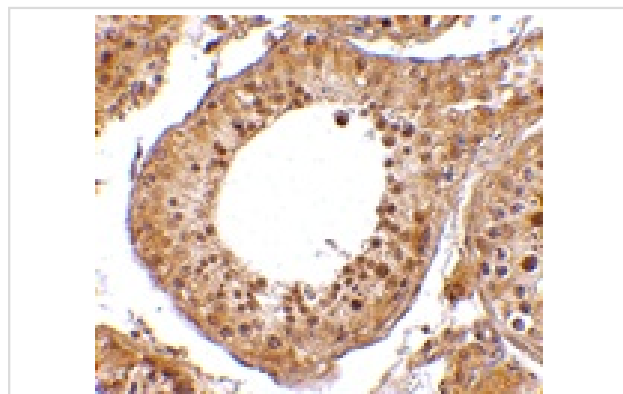
Description

| | |
|-----------------------|---|
| Product Name | RGPD5 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Affinity chromatography purified via peptide column |
| Applications | ELISA WB IHC |
| Species Reactivity | Hu |
| Immunogen Type | Peptide |
| Immunogen Description | Raised against a 13 amino acid peptide from near the amino terminus of human RGPD5. |
| Target Name | RGPD5 |
| Other Names | RANBP2-like and GRIP domain-containing protein 5, RGP5, RANBP2L1 |
| Accession No. | Swiss-Prot:Q99666 Gene ID:729540 |
| Uniprot | Q99666 |
| GeneID | 729540;84220; |
| Concentration | 1mg/ml |
| Formulation | Supplied in PBS containing 0.02% sodium azide. |
| Storage | Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

Images



Western blot analysis of RGPD5 in human thymus tissue lysate with RGPD5 antibody at 1 ug/mL.



Immunohistochemistry of RGPD5 in human testis tissue cells with RGPD5 antibody at 10 ug/mL.

Background

The RANBP2-like and GRIP domain containing 5 protein (RGPD5) has high similarity to RANBP2, a large RAN-binding protein localized at the cytoplasmic side of the nuclear pore complex. The gene coding for RGPD5 is thought to have arisen from a gene duplication event of RANBP2 as these highly homologous genes are located close to each other at chromosome 2q11-q12. RGPD5 was identified as an HIV dependency factor (HDF), suggesting that RGPD5 may be an important drug target in HIV treatment. At least two isoforms of RGPD5 are known to exist, of which the shorter isoform is expressed primarily in testis, while the longer of the two is expressed at low levels in a number of somatic tissues.

Note: This product is for in vitro research use only