RGPD5 Antibody

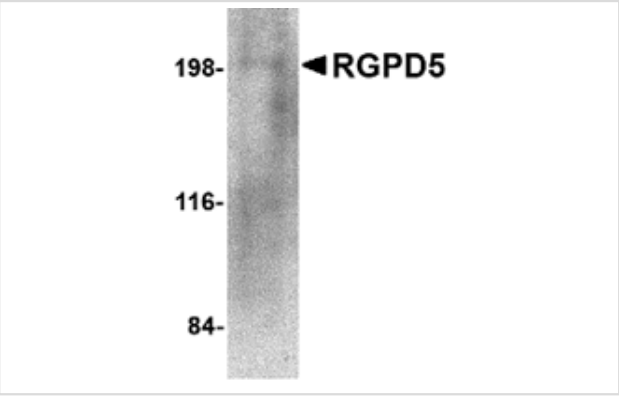
Catalog No: #24674

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

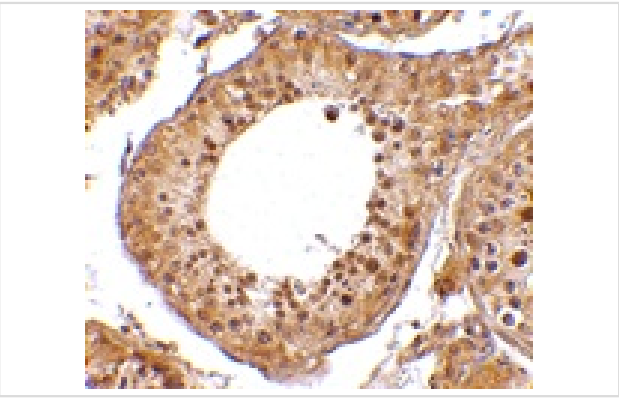
Description

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:Q99666Gene 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