BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-RGPD5 Antibody

Catalog Number: A18306

About RGPD5

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.

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Overview

Product Name	Anti-RGPD5 Antibody
Reactive Species	Human
Description	Boster Bio Anti-RGPD5 Antibody (Catalog # A18306). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	RGPD5 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	RGPD5 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q99666

Technical Details

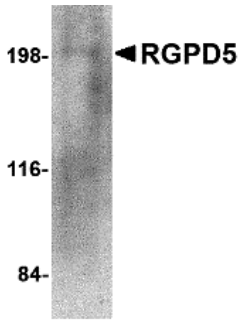
Immunogen	RGPD5 antibody was raised against a 13 amino acid synthetic peptide from near the amino terminus of human RGPD5. The immunogen is located within amino acids 50 - 100 of RGPD5.
Predicted Reactive Species	Rat
Isotype	IgG

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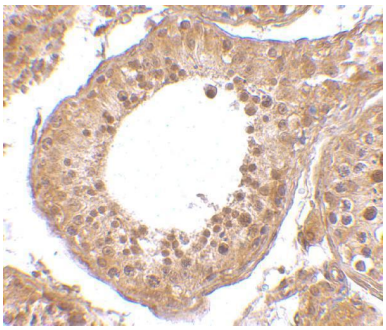
Form	Liquid
Concentration	1 mg/mL
Purification	RGPD5 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	RGPD5 antibody can be used for detection of RGPD5 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 10 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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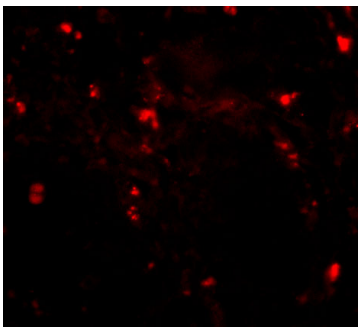
Anti-RGPD5 Antibody (A18306) Images



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.



Immunofluorescence of RGPD5 in human testis tissue with RGPD5 antibody at 20 ug/mL.

Anti-RGPD5 Antibody

For Research Use Only. Not for use in diagnostic procedures.