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Datasheet for ABIN6990896 **anti-RGPD5 antibody (N-Term)**

Overview

Quantity:	0.1 mg
Target:	RGPD5
Binding Specificity:	AA 50-100, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGPD5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product 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.
Isotype:	IgG
Purification:	RGPD5 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	RGPD5
Alternative Name:	RGPD5 (RGPD5 Products)
Background:	RGPD5 Antibody: 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

Target Details

nuclear pore complex. The gene coding for RGP5 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. RGP5 was identified as an HIV dependency factor (HDF), suggesting that RGP5 may be an important drug target in HIV treatment. At least two isoforms of RGP5 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.

Gene ID: 84220

NCBI Accession: [NP_005045](#)

UniProt: [Q99666](#)

Application Details

Application Notes: RGP5 antibody can be used for detection of RGP5 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 10 µg/mL. For immunofluorescence start at 20 µg/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.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: RGP5 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: RGP5 antibody can be stored at 4°C for three months and -20°C, stable for up to 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.