

Product datasheet for TA306567

RGPD5 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB: 1 ug/mL

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: RGPD5 antibody was raised against a 23 amino acid peptide from near the center of human

RGPD5.

Formulation: PBS containing 0.02% sodium azide.

Concentration: 1ug/ul

Purification: Affinity chromatography purified via peptide column

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Gene Name: RANBP2-like and GRIP domain containing 5

Database Link: NP 005045

Entrez Gene 84220 Human

Q99666

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.

Synonyms: BS-63; BS63; HEL161; RGP5



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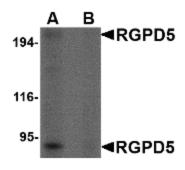
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Protein Families: Druggable Genome

Product images:



Western blot analysis of RGPD5 in human thymus tissue lysate with RGPD5 antibody at 1 ug/ml in (A) the absence and (B) the presense of blocking peptide.