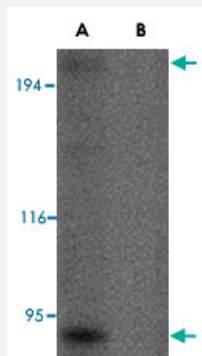


RGPD5 polyclonal antibody

Catalog # PAB13366 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of RGPD5 in EL4 cell lysate with RGPD5 polyclonal antibody (Cat # PAB13366) at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of RGPD5.
Immunogen	A synthetic peptide corresponding to internal region 23 amino acids of human RGPD5.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of RGP5 in EL4 cell lysate with RGP5 polyclonal antibody (Cat # PAB13366) at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.

Gene Info — RGP5

Entrez GeneID	84220
Protein Accession#	NP_005045
Gene Name	RGP5
Gene Alias	BS-63, DKFZp686I1842, RANBP2L1, RGP5
Gene Description	RANBP2-like and GRIP domain containing 5
Gene Ontology	Hyperlink
Gene Summary	RAN is a small GTP-binding protein of the RAS superfamily that is associated with the nuclear membrane and is thought to control a variety of cellular functions through its interactions with other proteins. This gene shares a high degree of sequence identity with RANBP2, a large RAN-binding protein localized at the cytoplasmic side of the nuclear pore complex. It is believed that this RANBP2 gene family member arose from a duplication event 3 Mb distal to RANBP2. Alternative splicing has been observed for this locus and two variants are described. Additional splicing is suggested but complete sequence for further transcripts has not been determined. [provided by RefSeq]
Other Designations	OTTHUMP00000161612 sperm membrane protein BS-63

Publication Reference

- [Identification of host proteins required for HIV infection through a functional genomic screen.](#)

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Science 2008 Jan; 319(5865):921.

- [Molecular cloning and characterization of a novel testis-specific nucleoporin-related gene.](#)

Wang LF, Zhu HD, Miao SY, Cao DF, Wu YW, Zong SD, Koide SS.
Archives of Andrology 1999 Mar; 42(2):71.

- [Identification of a novel Ran binding protein 2 related gene \(RANBP2L1\) and detection of a gene cluster on human chromosome 2q11-q12.](#)

Nothwang HG, Rensing C, Kubler M, Denich D, Brandl B, Stubanus M, Haaf T, Kurnit D, Hildebrandt F.

Genomics 1998 Feb; 47(3):383.