

RASGEF1B Rabbit pAb

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Catalog # AP57908

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q0VAM2
Predicted	Pig, Human, Mouse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55359
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RASGEF1B
Epitope Specificity	1-100/473
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
DISEASE	Up-regulated in macrophages stimulated with IFNG, GPI-mucins or bacterial lipopolysaccharides (LPS).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	RASGEF1B (RasGEF Domain Family Member 1B) is a Protein Coding gene. Diseases associated with RASGEF1B include Chromosome 4Q21 Deletion Syndrome. GO annotations related to this gene include guanyl-nucleotide exchange factor activity and Ras guanyl-nucleotide exchange factor activity. An important paralog of this gene is RASGEF1C.

Additional Information

Gene ID	153020
Other Names	Ras-GEF domain-containing family member 1B, GPI gamma-4, RASGEF1B, GPIG4
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	RASGEF1B
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Synonyms	GPIG4
Function	Guanine nucleotide exchange factor (GEF) with specificity for RAP2A, it doesn't seems to activate other Ras family proteins (in vitro).
Cellular Location	Early endosome. Late endosome. Midbody. Note=May shuttle between early and late endosomes (By similarity). Localizes to midbody at telophase.

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.