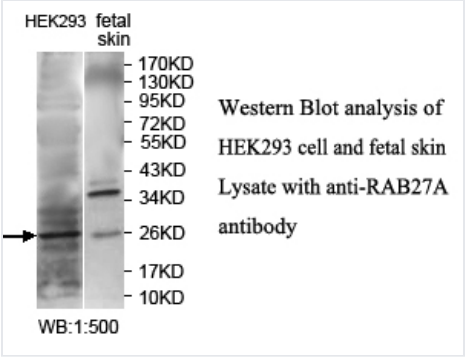
RAB27A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RAB27A, Polyclonal Antibody
Full Product Name	RAB27A Antibody
Product Gene Name	anti-RAB27A antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human Predicted: Mouse, Rat
Form/Format	Purified by protein affinity column containing 1% BSA and 0.02% NaN3
Preparation and Storage	Already reconstituted in 200ul sterile H2O. The antibody is stable for at least one year when stored at-20 degree C after reconstitution. Avoid repeated freeze/defrost cycles.
Molecular Weight	24,041 Da
OMIM	603868
Product Categories/Family for anti-RAB27A antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RAB27A antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-RAB27A antibody	ELISA: 1:20,000-1:80,000 WB: 1:500-1:1,000
Related Product Information for anti-RAB27A antibody	Rabbit polyclonal RAB27A (1) antibody was raised against a recombinate human RAB27A protein 1-215aa (BC132800).
Product References and Citations for anti-RAB27A antibody	(1) Elstak, E.D., Neeft, M., Nehme, N.T. et al. The munc13-4-rab27 complex is specifically required for tethering secretory lysosomes at the plasma membrane. Blood 118 (6), 1570-1578 (2011).
Other Notes	Small volumes of anti-RAB27A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for RAB27A purchase	MBS859393 is an antibody targeting RAB27A. Also known as RAB27A Antibody. Reactive in Human Predicted: Mouse, Rat. Host: Rabbit.



Testing Data of anti-RAB27A antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RAB27A. It may not necessarily be applicable to this product.

NCBI GI #	124376891
NCBI GeneID	5873
NCBI Accession #	BC132800
UniProt Secondary Accession #	O00195; Q6FI40; Q9UIR9; Q9Y5U3
UniProt Related Accession #	P51159
NCBI Official Full Name	Homo sapiens RAB27A, member RAS oncogene family, mRNA
NCBI Official Synonym Full Names	RAB27A, member RAS oncogene family
NCBI Official Symbol	RAB27A
NCBI Official Synonym Symbols	GS2; RAM; RAB27; HsT18676
UniProt Protein Name	Ras-related protein Rab-27A
UniProt Synonym Protein Names	GTP-binding protein Ram
Protein Family	Ras-related protein
UniProt Gene Name	RAB27A
UniProt Synonym Gene Names	RAB27; Rab-27
NCBI Protein Information	ras-related protein Rab-27A
NCBI Summary for RAB27A	The protein encoded by this gene belongs to the small GTPase superfamily, Rab family. The protein is membrane-bound and may be involved in protein transport and small GTPase mediated signal transduction. Mutations in this gene are associated with Griscelli syndrome type 2. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]
UniProt Comments for RAB27A	Plays a role in cytotoxic granule exocytosis in lymphocytes. Required for both granule maturation and granule docking and priming at the immunologic synapse.
Research Articles on RAB27A	**1.** Here, we report on a new RAB27A genetic anomaly observed in seven Saudi Arabia families that had remained negative after extensive molecular genomic DNA testing. Linkage analysis and targeted sequencing of the RAB27A genomic region in several of these patients led to the identification of a common homozygous tandem duplication of 38 kb affecting exon 2-5 and resulting in a premature stop codon
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