

Rabbit anti-Human GDI2 Polyclonal Antibody | anti-GDI2 antibody

GDI2 Antibody (Center)

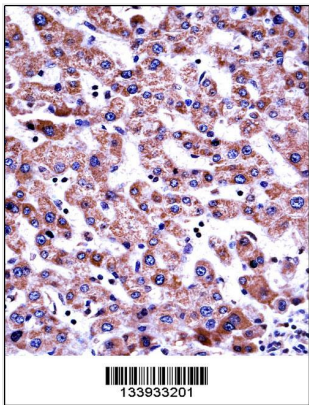
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284394	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

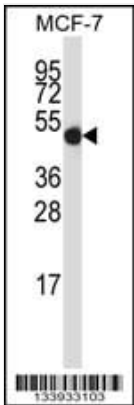
GDI2; Polyclonal Antibody; GDI2 Antibody (Center); Rab GDP dissociation inhibitor beta; Rab GDI beta; Guanosine diphosphate dissociation inhibitor 2; GDI-2; RABGDIB; anti-GDI2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GDI2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 135-164 amino acids from the Central region of human GDI2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	135-164
Sequence Length	400
Applicable Applications for anti-GDI2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
GDI2 Antibody (Center) (AAA284394)immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of GDI2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
GDI2 Antibody (Center) western blot analysis in MCF-7 cell line lysates (35ug/lane).This demonstrates the GDI2 antibody detected the GDI2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GDI2 antibody	GDP dissociation inhibitors are proteins that regulate the GDP-GTP exchange reaction of members of the rab family, small GTP-binding proteins of the ras superfamily, that are involved in vesicular trafficking of molecules between cellular organelles. GDIs slow the rate of dissociation of GDP from rab proteins and release GDP from membrane-bound rabs. GDI2 is ubiquitously expressed. The GDI2 gene contains many repetitive elements indicating that it may be prone to inversion/deletion rearrangements. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Product Categories/Family for anti-GDI2 antibody	Signal Transduction
References	Rikova, K., et al. Cell 131(6):1190-1203(2007) Sun, Z.L., et al. Biochim. Biophys. Acta 1774(6):764-771(2007) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006) Shin, B.K., et al. J. Biol. Chem. 278(9):7607-7616(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	169646441
NCBI GeneID	2665
NCBI Accession #	NP_001108628.1; NP_001485.2
NCBI GenBank Nucleotide #	NM_001115156.1
UniProt Accession #	P50395; O43928; Q5SX88; Q9UQM6
Molecular Weight	50663
NCBI Official Full Name	rab GDP dissociation inhibitor beta isoform 2
NCBI Official Synonym Full Names	GDP dissociation inhibitor 2
NCBI Official Symbol	GDI2
NCBI Official Synonym Symbols	RABGDIB; HEL-S-46e

NCBI Protein Information	rab GDP dissociation inhibitor beta
UniProt Protein Name	Rab GDP dissociation inhibitor beta
UniProt Gene Name	GDI2
UniProt Synonym Gene Names	RABGDIB; Rab GDI beta; GDI-2
UniProt Entry Name	GDIB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gdi2-antibody-immunohistochemistry-western-blot-elisa/284394>