

Rabbit GDI2 Polyclonal Antibody | anti-GDI2 antibody

GDI2 antibody - C-terminal region

CATALOG # AAA201715	HOST Rabbit	REACTIVITY Guinea Pig, Horse, Human, Mouse, Sheep	APPLICATIONS Western Blot
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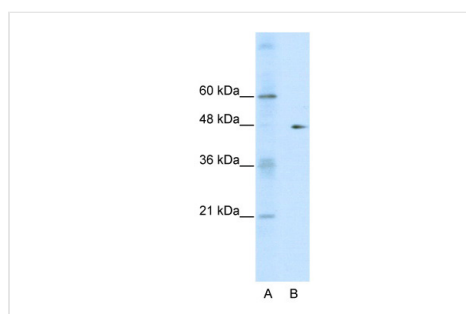
PRODUCT SYNONYMS

GDI2; Polyclonal Antibody; GDI2 antibody - C-terminal region; anti-GDI2 antibody

PRODUCT SPECIFICATIONS

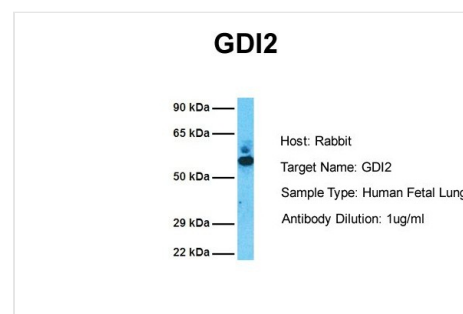
Host	Rabbit
Reactivity	Guinea Pig, Horse, Human, Mouse, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EP EKEIRPALEL LEPIEQKFVS ISDLLVPKDL GTESQIFISR TYDATTHF
Sequence Length	445
Applicable Applications for anti-GDI2 antibody	WB (Western Blot)
Homology	Guinea Pig: 92%; Horse: 100%; Human: 100%; Mouse: 92%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human GDI2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-GDI2 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:31250
 Positive Control: HepG2 cell lysate
 GDI2 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells



WB (Western Blot)

Host: Rabbit
 Target Name: GDI2
 Sample Tissue: Human Fetal Lung
 Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-GDI2 antibody	This is a rabbit polyclonal antibody against GDI2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. The GDI2 gene contains many repetitive elements indicating that it may be prone to inversion/deletion rearrangements.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.
Product Categories/Family for anti-GDI2 antibody	Polyclonal; Various; E3 & Ubiquitin; Membrane & Traffic; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	6598323
NCBI GeneID	2665
NCBI Accession #	NP_001485
NCBI GenBank Nucleotide #	NM_001494
UniProt Accession #	P50395
Molecular Weight	51kDa
NCBI Official Full Name	rab GDP dissociation inhibitor beta isoform 1
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

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.