

Rabbit GDI1 Polyclonal Antibody | anti-GDI1 antibody

GDI1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201726	Rabbit	Guinea Pig, Horse, Human, Mouse, Rabbit, Sheep, Zebrafish	Western Blot

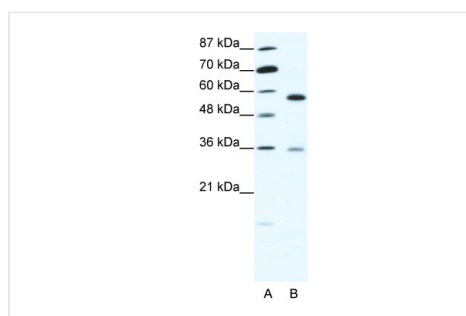
PRODUCT SYNONYMS

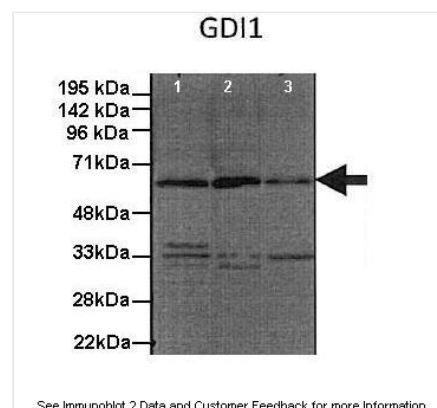
GDI1; Polyclonal Antibody; GDI1 antibody - C-terminal region; anti-GDI1 antibody

PRODUCT SPECIFICATIONS

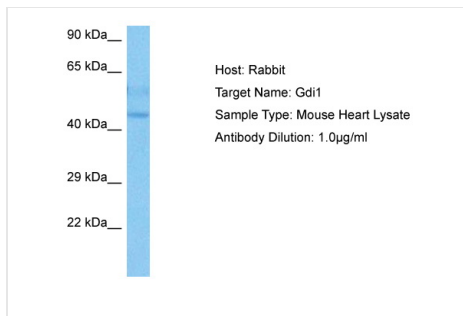
Host	Rabbit
Reactivity	Guinea Pig, Horse, Human, Mouse, Rabbit, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VF CSCSYDATTH FETTCNDIKD IYKRMAGTAF DFENMKRKQN DVFGEAEQ
Sequence Length	447
Applicable Applications for anti-GDI1 antibody	WB (Western Blot)
Homology	Guinea Pig: 92%; Horse: 92%; Human: 100%; Mouse: 92%; Rabbit: 92%; Sheep: 92%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human GDI1
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-GDI1 Antibody Titration: 1.25ug/ml
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate

WB (Western Blot)

Human, Mouse



WB (Western Blot)

Host: Mouse Target Name: GDI1 Sample Tissue: Mouse Heart Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-GDI1 antibody	This is a rabbit polyclonal antibody against GDI1. 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. GDI1 is expressed primarily in neural and sensory tissues. Mutations in GDI1 have been linked to X-linked nonspecific mental retardation.
Product Categories/Family for anti-GDI1 antibody	Polyclonal; Various; Disease Related; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503971
NCBI GeneID	2664
NCBI Accession #	NP_001484
NCBI GenBank Nucleotide #	NM_001493
UniProt Accession #	P31150
Molecular Weight	51kDa
NCBI Official Full Name	rab GDP dissociation inhibitor alpha
NCBI Official Synonym Full Names	GDP dissociation inhibitor 1
NCBI Official Symbol	GDI1
NCBI Official Synonym Symbols	1A; GDIL; MRX41; MRX48; OPHN2; XAP-4; RABGD1A; RABGDIA
NCBI Protein Information	rab GDP dissociation inhibitor alpha
UniProt Protein Name	Rab GDP dissociation inhibitor alpha
UniProt Gene Name	GDI1
UniProt Synonym Gene Names	GDIL; OPHN2; RABGDIA; XAP4; Rab GDI alpha; GDI-1
UniProt Entry Name	GDIA_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.