

Rabbit GDI2 Polyclonal Antibody | anti-GDI2 antibody

GDI2 Polyclonal Antibody

CATALOG # AAA311688	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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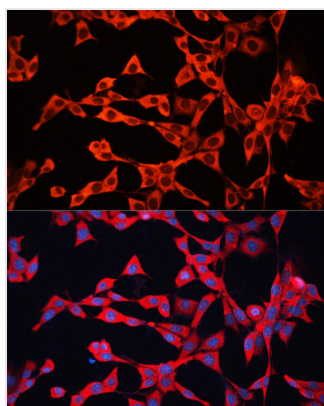
PRODUCT SYNONYMS

GDI2; Polyclonal Antibody; GDI2 Polyclonal Antibody; HEL-S-46e; RABGDIB; GDP dissociation inhibitor 2; anti-GDI2 antibody

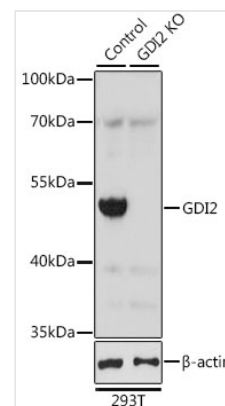
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-GDI2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human GDI2 (NP_001485.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

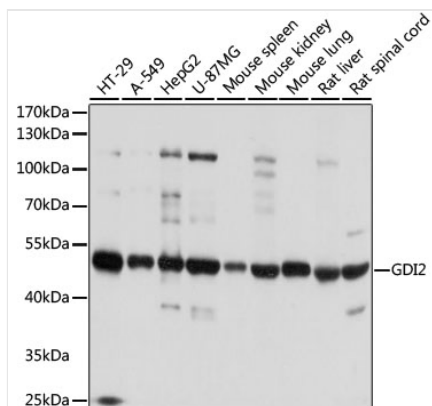
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using GDI2 antibody.


WB (Western Blot)

Western blot analysis of extracts from normal (control) and GDI2 knockout (KO) 293T cells, using GDI2 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GDI2 antibody.

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

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	6598323
NCBI GeneID	2665
NCBI Accession #	NP_001485.2
NCBI GenBank Nucleotide #	NM_001494.3
UniProt Accession #	P50395; O43928; Q5SX88; Q9UQM6
Molecular Weight	45,619 Da
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; GDI-2; rab GDI beta; rab GDP-dissociation inhibitor, beta; guanosine diphosphate dissociation inhibitor 2; epididymis secretory sperm binding protein Li 46e
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.