

Rabbit GDI1 Polyclonal Antibody | anti-GDI1 antibody

GDI1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168075	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

GDI1; Polyclonal Antibody; GDI1 Antibody; 1A; GDIL; MRX41; MRX48; OPHN2; XAP-4; RABGD1A; RABGDIA; anti-GDI1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	447
Applicable Applications for anti-GDI1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human GDI1
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-20447 / sc-20449-R / sc-292182
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cell using GDI1 antibody. Blue: DAPI for nuclear staining.



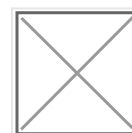
IHC (Immunohistochemistry)

Immunohistochemical of paraffin-embedded human stomach cancer using GDI1 antibody at dilution of 1:200 (400x lens).



IHC (Immunohistochemistry)

Immunohistochemical of paraffin-embedded human breast cancer using GDI1 antibody at dilution of 1:200 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GDI1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GDI1 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. GDI1 is expressed primarily in neural and sensory tissues. Mutations in GDI1 have been linked to X-linked nonspecific mental retardation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49457546
NCBI GeneID	2664
UniProt Accession #	P31150; P50394; Q6FG50; Q7Z2G6; Q7Z2G9; Q7Z2H5; Q7Z2I6
Molecular Weight	50,583 Da
NCBI Official Full Name	GDI1, partial
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; GDI-1; guanosine diphosphate dissociation inhibitor 1; mental retardation, X-linked 48; oligophrenin-2; protein XAP-4; rab GDI alpha; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gdi1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/168075>