

GDI1 Rabbit pAb

Catalog No.: A5462 **1 Publications**

Basic Information

Observed MW

60kDa

Calculated MW

51kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

Background

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 cognitive disability.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

2664

Swiss Prot

P31150

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 188-447 of human GDI1 (NP_001484.1).

Synonyms

1A; GDIL; MRX41; MRX48; OPHN2; XAP-4; XLID41; RABGD1A; RABGDIA; GDI1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

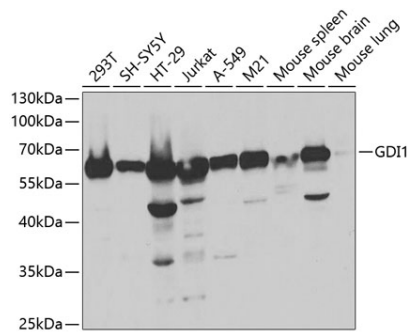
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using GDI1 antibody (A5462) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.