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Anti-GDI1 Antibody

Catalog # AP51228

Product Information

Application	WB
Primary Accession	P31150
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Bovine, Dog, Sheep, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50583

Additional Information

Gene ID	2664
Other Names	GDIL; OPHN2; RABGDIA; XAP4; Rab GDP dissociation inhibitor alpha; Rab GDI alpha; Guanosine diphosphate dissociation inhibitor 1; GDI-1; Oligophrenin-2; Protein XAP-4
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GDI1. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

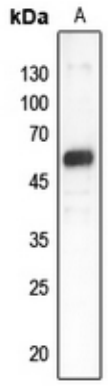
Protein Information

Name	GDI1
Synonyms	GDIL, OPHN2, RABGDIA, XAP4
Function	Regulates the GDP/GTP exchange reaction of most Rab proteins by inhibiting the dissociation of GDP from them, and the subsequent binding of GTP to them. Promotes the dissociation of GDP-bound Rab proteins from the membrane and inhibits their activation. Promotes the dissociation of RAB1A, RAB3A, RAB5A and RAB10 from membranes.
Cellular Location	Cytoplasm. Golgi apparatus, trans-Golgi network
Tissue Location	Brain; predominant in neural and sensory tissues.

References

Sedlacek Z.,et al.Mamm. Genome 5:633-639(1994).
Nishimura N.,et al.Cancer Res. 55:5445-5450(1995).
Chen E.Y.,et al.Hum. Mol. Genet. 5:659-668(1996).
Feng Z.,et al.Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.
Kitano T.,et al.Mol. Biol. Evol. 20:1281-1289(2003).

Images



Western blot analysis of GDI1 expression in zebrafish (A) whole cell lysates. (Predicted band size: 50 kD; Observed band size: 55 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.