

KD-Validated Anti-GDI1 Mouse Monoclonal Antibody

Mouse monoclonal antibody

Catalog # AGI2067

Product Information

Application	WB
Primary Accession	P31150
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Names	24GB13135
Calculated MW	50583
Gene Name	GDI1
Aliases	GDI1; GDP Dissociation Inhibitor 1; RABGDIA; OPHN2; Oligophrenin-2; XAP-4; GDIL; Guanosine Diphosphate Dissociation Inhibitor 1; Rab GDP-Dissociation Inhibitor, Alpha; Rab GDP Dissociation Inhibitor Alpha; Protein XAP-4; Rab GDI Alpha; FLJ41411; MRX41; MRX48; GDI-1; Testis Secretory Sperm-Binding Protein Li 208a; Mental Retardation, X-Linked 41; Mental Retardation, X-Linked 48; RABGD1A; XLID41; XAP4; 1A
Immunogen	Recombinant protein of human GDI1

Additional Information

Gene ID	2664
Other Names	Rab GDP dissociation inhibitor alpha, Rab GDI alpha, Guanosine diphosphate dissociation inhibitor 1, GDI-1, Oligophrenin-2, Protein XAP-4, GDI1, GDIL, OPHN2, RABGDIA, XAP4

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.