

# GDI-1 Polyclonal Antibody

Catalog # AP73217

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P31150</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	50583

## Additional Information

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<b>Gene ID</b>	2664
<b>Other Names</b>	GDI1; GDIL; OPHN2; RABGDIA; XAP4; Rab GDP dissociation inhibitor alpha; Rab GDI alpha; Guanosine diphosphate dissociation inhibitor 1; GDI-1; Oligophrenin-2; Protein XAP-4
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications. E~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	GDI1
<b>Synonyms</b>	GDIL, OPHN2, RABGDIA, XAP4
<b>Function</b>	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.
<b>Cellular Location</b>	Cytoplasm. Golgi apparatus, trans-Golgi network
<b>Tissue Location</b>	Brain; predominant in neural and sensory tissues.

## Background

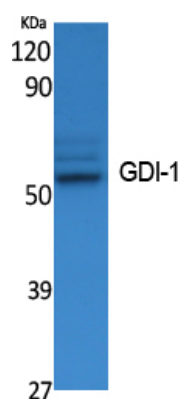
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## Images

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Western Blot analysis of extracts from K562 cells, using GDI-1 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

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