



GDI-1 rabbit pAb

Cat No.:ES3764

For research use only

Overview

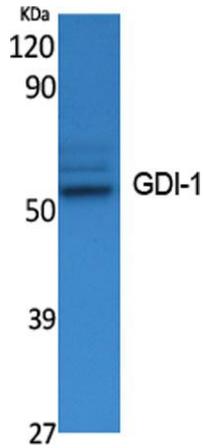
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| Product Name | GDI-1 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;ELISA |
| Species Cross-Reactivity | Human;Mouse;Rat |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized peptide derived from human GDI-1. AA range:394-443 |
| Specificity | GDI-1 Polyclonal Antibody detects endogenous levels of GDI-1 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Rab GDP dissociation inhibitor alpha |
| Gene Name | GDI1 |
| Cellular localization | Cytoplasm . Golgi apparatus, trans-Golgi network . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 50kD |
| Human Gene ID | 2664 |
| Human Swiss-Prot Number | P31150 |
| Alternative Names | 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 |
| 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 |



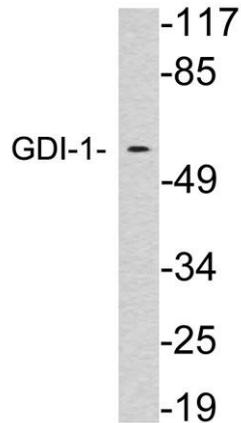


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vesicular trafficking of molecules between cellular organelles. GDIs slow the rate of dissociation of GDP from rab proteins and release GDP from membrane-bound rabs. GDI1 is expressed primarily in neural and sensory tissues. Mutations in GDI1 have been linked to X-linked nonspecific mental retardation. [provided by RefSeq, Jul 2008],



Western Blot analysis of extracts from K562 cells, using GDI-1 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysates from brain tissue, using GDI-1 antibody.



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