



# GDI-2 rabbit pAb

Cat No.:ES4047

For research use only

## Overview

<b>Product Name</b>	GDI-2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	Synthesized peptide derived from the C-terminal region of human GDI-2.
<b>Specificity</b>	GDI-2 Polyclonal Antibody detects endogenous levels of GDI-2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Rab GDP dissociation inhibitor beta
<b>Gene Name</b>	GDI2
<b>Cellular localization</b>	Cytoplasm . Membrane ; Peripheral membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	50kD
<b>Human Gene ID</b>	2665
<b>Human Swiss-Prot Number</b>	P50395
<b>Alternative Names</b>	GDI2; RABGDIB; Rab GDP dissociation inhibitor beta; Rab GDI beta; Guanosine diphosphate dissociation inhibitor 2; GDI-2
<b>Background</b>	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

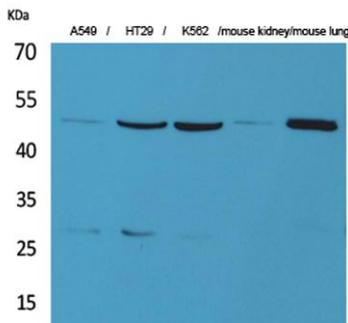




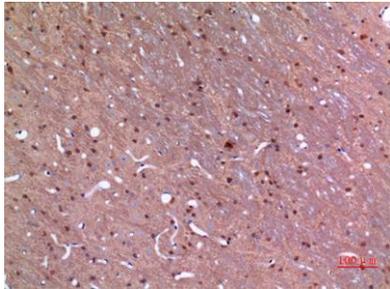
organelles. GDIs slow the rate of dissociation of GDP from rab proteins and release GDP from membrane-bound rabs. GDI2 is ubiquitously expressed. The GDI2 gene contains many repetitive elements indicating that it may be prone to inversion/deletion rearrangements. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008],

Western Blot analysis of A549, HT29, K562, mouse kidney, mouse lung cells using GDI-2 Polyclonal Antibody.

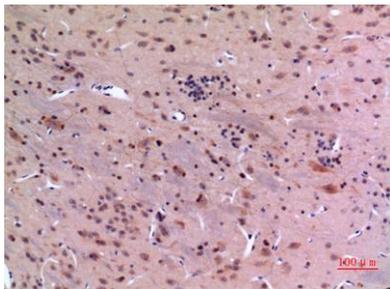
Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



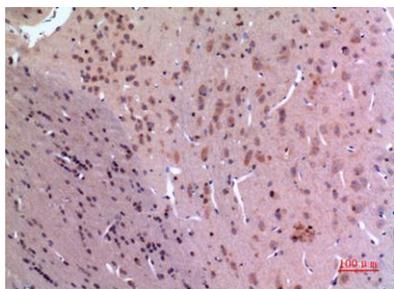
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Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



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