

## GDI-2 Polyclonal Antibody

<b>Catalog No :</b>	YT5317
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	GDI-2
<b>Gene Name :</b>	GDI2
<b>Protein Name :</b>	Rab GDP dissociation inhibitor beta
<b>Human Gene Id :</b>	2665
<b>Human Swiss Prot No :</b>	P50395
<b>Mouse Gene Id :</b>	14569
<b>Mouse Swiss Prot No :</b>	Q61598
<b>Rat Gene Id :</b>	29662
<b>Rat Swiss Prot No :</b>	P50399
<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>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:20000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Concentration :** 1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 50kD

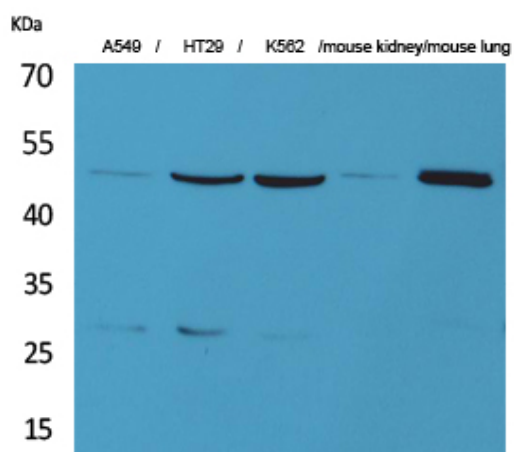
**Background :** GDP dissociation inhibitors are proteins that regulate the GDP-GTP exchange reaction of members of the rab family, small GTP-binding proteins of the ras superfamily, that are involved in vesicular trafficking of molecules between cellular organelles. GDIs slow the rate of dissociation 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],

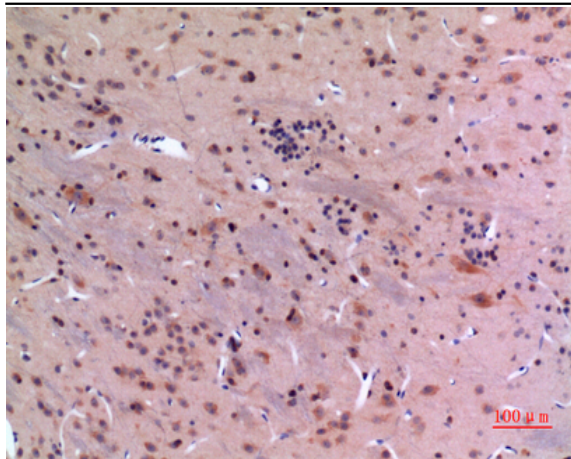
**Function :** function:Regulates the GDP/GTP exchange reaction of most Rab proteins by inhibiting the dissociation of GDP from them, and the subsequent binding of GTP to them.,similarity:Belongs to the Rab GDI family.,tissue specificity:Ubiquitous.,

**Subcellular Location :** Cytoplasm . Membrane ; Peripheral membrane protein .

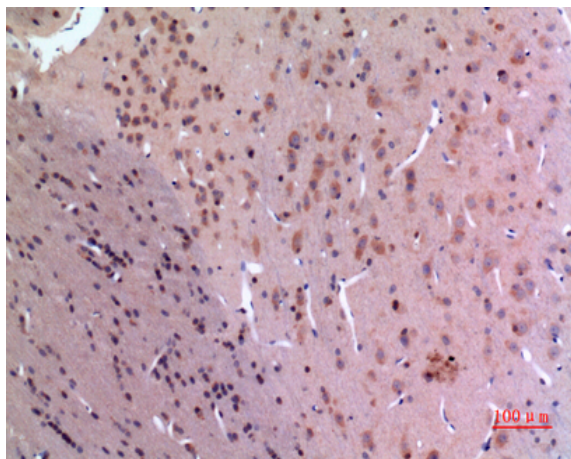
**Expression :** Ubiquitous.

## Products Images





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



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