

GDI-2 Polyclonal Antibody

Catalog No :	YT5317
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	GDI-2
Gene Name :	GDI2
Protein Name :	Rab GDP dissociation inhibitor beta
Human Gene Id :	2665
Human Swiss Prot No :	P50395
Mouse Gene Id :	14569
Mouse Swiss Prot No :	Q61598
Rat Gene Id :	29662
Rat Swiss Prot No :	P50399
Immunogen :	Synthesized peptide derived from the C-terminal region of human GDI-2.
Specificity :	GDI-2 Polyclonal Antibody detects endogenous levels of GDI-2 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:20000.. IF 1:50-200
Purification :	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

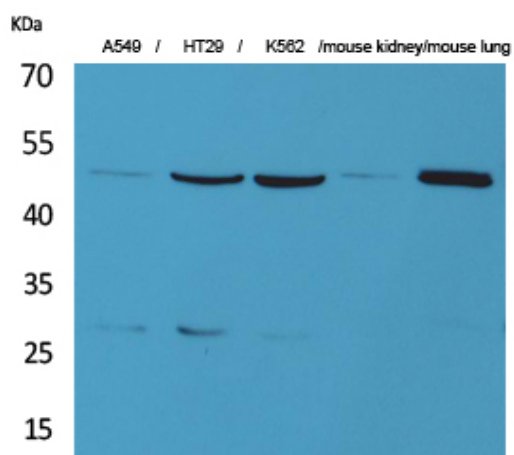
Background : GDP dissociation inhibitors are proteins that regulate the GDP-GTP exchange reaction of members of the rab family, small GTP-binding proteins of the ras superfamily, that are involved in vesicular trafficking of molecules between cellular organelles. GDIs slow the rate of dissociation of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

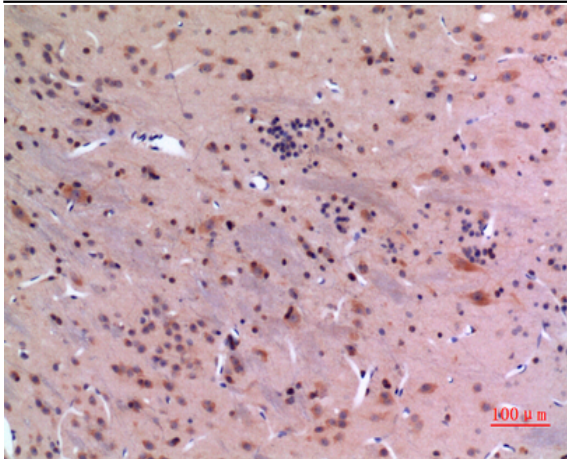
Subcellular Location : Cytoplasm . Membrane ; Peripheral membrane protein .

Expression : Ubiquitous.

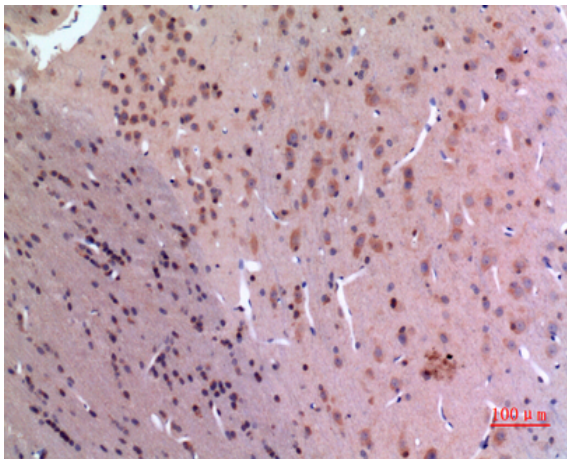
Products Images



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



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