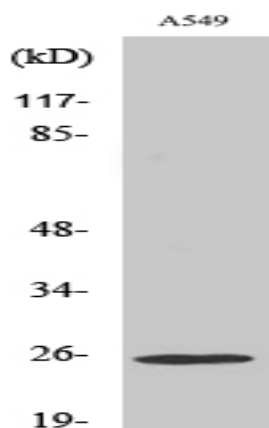


## Rho GD1γ Polyclonal Antibody

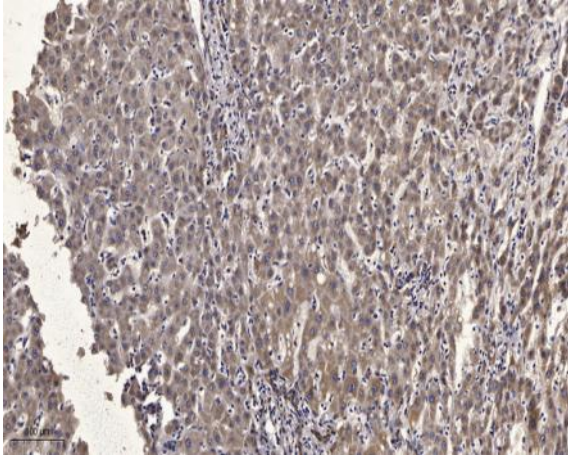
<b>Catalog No :</b>	YT4082
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;ELISA;IHC
<b>Target :</b>	Rho GD1γ
<b>Fields :</b>	>>Neurotrophin signaling pathway;>>Vasopressin-regulated water reabsorption
<b>Gene Name :</b>	ARHGDI3
<b>Protein Name :</b>	Rho GDP-dissociation inhibitor 3
<b>Human Gene Id :</b>	398
<b>Human Swiss Prot No :</b>	Q99819
<b>Mouse Swiss Prot No :</b>	Q62160
<b>Immunogen :</b>	Synthesized peptide derived from Rho GD1γ . at AA range: 110-190
<b>Specificity :</b>	Rho GD1γ Polyclonal Antibody detects endogenous levels of Rho GD1γ 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 1:500-2000;IHC 1:50-300; ELISA 2000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 25kD**Background :** The GDP-dissociation inhibitors (GDIs) play a primary role in modulating the activation of GTPases by inhibiting the exchange of GDP for GTP. See ARHGDIB (MIM 602843).[supplied by OMIM, Nov 2010],**Function :** function:Inhibits GDP/GTP exchange reaction of RhoB. Interacts specifically with the GDP- and GTP-bound forms of post-translationally processed Rhob and Rhog proteins, both of which show a growth-regulated expression in mammalian cells. Stimulates the release of the GDP-bound but not the GTP-bound RhoB protein. Also inhibits the GDP/GTP exchange of RhoB but shows less ability to inhibit the dissociation of prebound GTP.,similarity:Belongs to the Rho GDI family.,tissue specificity:Primarily expressed in pancreas and brain.,**Subcellular Location :** Cytoplasm.**Expression :** Primarily expressed in pancreas and brain.**Sort :** 14448**No4 :** 1**Host :** Rabbit**Modifications :** Unmodified

## Products Images



Western Blot analysis of various cells using Rho GDI $\gamma$  Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).