

## Immunotag™ Rho GDly Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4082
Product Description	Immunotag™ Rho GDly Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	RHO GDly
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from Rho GDly . at AA range: 110-190
Specificity	Rho GDly Polyclonal Antibody detects endogenous levels of Rho GDly protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	ARHGDIG
Accession No.	Q99819 Q62160
Alternate Names	ARHGDIG; Rho GDP-dissociation inhibitor 3; Rho GDI 3; Rho-GDI gamma
Description	Rho GDP dissociation inhibitor gamma(ARHGDIG) Homo sapiens 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],
Protein Expression	Brain, Eye,

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Subcellular Localization	cytoplasm,cytosol,membrane,cytoplasmic, membrane-bounded vesicle,cytoplasmic vesicle,
Protein 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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.