

ARG42642 anti-GDPD5 / GDE2 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GDPD5 / GDE2
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GDPD5 / GDE2
Species	Human
Immunogen	Fusion protein of Human GDPD5 / GDE2.
Conjugation	Un-conjugated
Alternate Names	PP1665; Glycerophosphodiester phosphodiesterase domain-containing protein 5; Glycerophosphodiester phosphodiesterase 2; GDE2

Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> </table>	Application	Dilution	WB	1:500 - 1:2000
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WB	1:500 - 1:2000				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	Mouse pancreas and Human fetal brain.				
Observed Size	~ 70 kDa				

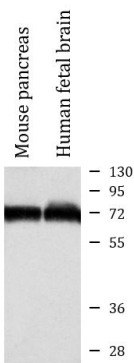
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 40% Glycerol.
Preservative	0.05% Sodium azide
Stabilizer	40% Glycerol
Concentration	0.3 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	GDPD5
Gene Full Name	glycerophosphodiester phosphodiesterase domain containing 5
Background	Glycerophosphodiester phosphodiesterases (GDPDs; EC 3.1.4.46), such as GDPD5, are involved in glycerol metabolism (Lang et al., 2008 [PubMed 17578682]).[supplied by OMIM, Jan 2010]
Function	Glycerophosphodiester phosphodiesterase that promotes neurite formation and drives spinal motor neuron differentiation (By similarity). Mediates the cleavage of glycosylphosphatidylinositol (GPI) anchor of target proteins: removes the GPI-anchor of RECK, leading to release RECK from the plasma membrane (By similarity). May contribute to the osmotic regulation of cellular glycerophosphocholine (By similarity). [UniProt]
Calculated Mw	69 kDa
PTM	Intramolecular disulfide bond between Cys-25 and Cys-571 is reduced by PRDX1. [UniProt]
Cellular Localization	Endomembrane system; Multi-pass membrane protein. Cytoplasm, perinuclear region. Cell projection, growth cone. Note=In a punctate perinuclear pattern. [UniProt]

Images



ARG42642 anti-GDPD5 / GDE2 antibody WB image

Western blot: 40 µg of Mouse pancreas and Human fetal brain lysates stained with ARG42642 anti-GDPD5 / GDE2 antibody at 1:600 dilution.