

For Research Use Only

PGT Polyclonal antibody

Catalog Number: 14327-1-AP **3 Publications**



Basic Information

Catalog Number: 14327-1-AP	GenBank Accession Number: BC041140	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 220 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6578	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q92959	
Isotype: IgG	Full Name: solute carrier organic anion transporter family, member 2A1	
Immunogen Catalog Number: AG5594	Calculated MW: 70 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : NIH/3T3 cells, mouse heart tissue, mouse liver tissue
Cited Applications: WB, IHC	
Species Specificity: human, mouse	
Cited Species: human, mouse, pig	

Background Information

Prostaglandin transporter (PGT), also known as SLCO2A1, has been identified as a functional prostaglandin (PG) carrier that mediates either the release of newly-synthesized PGs by cells and/or the uptake of PGs prior to intracellular oxidation. Northern blot analysis revealed that PGT mRNA has broad tissue distribution, suggesting its role in the transport and/ or metabolic clearance of PG in diverse tissues (8787677). This antibody is expected to detect the endogenous PGT protein.

Notable Publications

Author	Pubmed ID	Journal	Application
Hui Huang	33000396	Dig Dis Sci	IHC
Zhikun Zhan	34838489	Int Immunopharmacol	WB
Heewon Seo	24695625	Biol Reprod	IHC

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 14327-1-AP (PGT antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.