

PGT Polyclonal Antibody

Catalog number: 14327-1-AP

Size: 33 µg/150 µl

Source: Rabbit

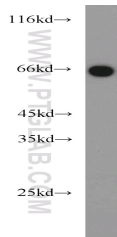
Isotype: IgG

Synonyms:

SLCO2A1; OATP2A1, PGT,

Prostaglandin transporter,

SLC21A2, SLCO2A1



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

Background

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.

Applications

Tested applications:	ELISA, WB
Cited applications:	IHC
Species specificity:	Human, Mouse; other species not tested.
Cited species:	Pig
Calculated PGT MW:	70 kDa
Observed PGT MW:	65 kDa
Positive WB detected in	NIH/3T3 cells, mouse heart tissue, mouse liver tissue
Recommended dilution:	WB: 1:500-1:5000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag5594
GenBank accession number:	BC041140
Gene ID (NCBI):	6578
Full name:	Solute carrier organic anion transporter family, member 2A1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.