

PTGDS Polyclonal Antibody

Catalog number: 10754-2-AP

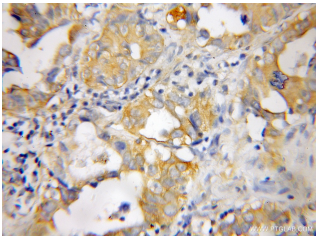
Size: 20 µg/150 µl

Source: Rabbit

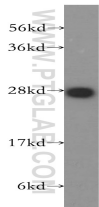
Isotype: IgG

Synonyms:

PTGDS; Beta trace protein,
Cerebrin 28, LPGDS, PDS,
PGD2, PGD2 synthase, PGDS,
PGDS2, Prostaglandin D2
synthase, Prostaglandin H2 D
isomerase, PTGDS



Immunohistochemical of paraffin-embedded human lung cancer using 10754-2-AP (PTGDS antibody) at dilution of 1:50 (under 10x lens)



HeLa cells were subjected to SDS PAGE followed by western blot with 10754-2-AP (PTGDS antibody) at dilution of 1:500

Background

PGDS (Prostaglandin-H2 D-isomerase) is also named as PTGDS, PDS, PGDS2. It catalyzes the conversion of PGH2 to PGD2, and is a prostaglandin involved in smooth muscle contraction/relaxation and a potent inhibitor of platelet aggregation. It has two N-glycosylation recognition sites.

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	WB
Species specificity:	Human; other species not tested.
Cited species:	Human
Calculated PTGDS MW:	21kd
Observed PTGDS MW:	28kd
Positive WB detected in	HeLa cells, human colon tissue, human heart tissue, human kidney tissue, PC-3 cells
Positive IHC detected in	Human lung cancer tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

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

Immunogen information

Immunogen:	Ag1163
GenBank accession number:	BC005939
Gene ID (NCBI):	5730
Full name:	Prostaglandin D2 synthase 21kDa (brain)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.