

For Research Use Only

TBXAS1 Polyclonal antibody

Catalog Number: 30215-1-AP



Basic Information

Catalog Number: 30215-1-AP	GenBank Accession Number: BC014117	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 900 µg/ml by Nanodrop;	GeneID (NCBI): 6916	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	Full Name: thromboxane A synthase 1 (platelet)	
Isotype: IgG	Calculated MW: 60 kDa	
Immunogen Catalog Number: AG30950	Observed MW: 52 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : PC-3 cells, THP-1 cells
Species Specificity: Human	

Background Information

TBXAS1 catalyzes the conversion of the prostaglandin endoperoxide into thromboxane A2 as a potent vasoconstrictor and inducer of platelet aggregation. It was identified as a novel airway fibroblast-specific marker with integrin-8 (ITGA8) (PMID:20435685). It was observed in the epithelium. It is a monomer with a molecular weight of 60 kDa. It also has two variants with 60.5 kDa and 52.3 kDa (PMID:1730669).

Storage

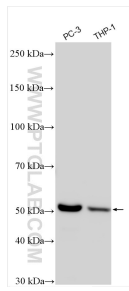
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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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W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30215-1-AP (TBXAS1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.