

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: 900 ug/ml	GeneID (NCBI): 6916	Recommended Dilutions: WB 1:500-1:3000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P24557	
Isotype: IgG	Full Name: thromboxane A synthase 1 (platelet)	
Immunogen Catalog Number: AG30950	Calculated MW: 60 kDa Observed MW: 52 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : PC-3 cells, THP-1 cells IHC : human ovary cancer tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

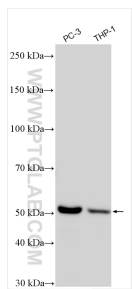
Background Information

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).

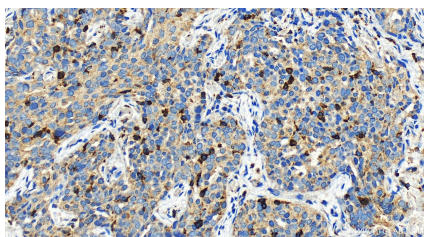
Storage

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

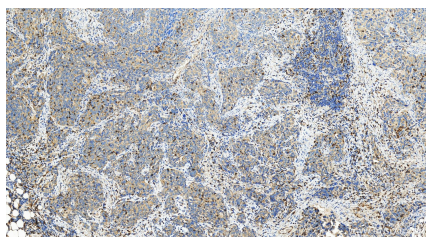
Selected Validation Data



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.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 30215-1-AP (TBXAS1 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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