

Rabbit anti-Human, Mouse TBXAS1 Polyclonal Antibody | anti-TBXAS1 antibody

TBXAS1 Polyclonal Antibody

CATALOG # AAA281033	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

TBXAS1; Polyclonal Antibody; TBXAS1 Polyclonal Antibody; BDPLT14; CYP5; CYP5A1; GHOSAL; THAS; TS; TXAS; TXS; anti-TBXAS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	TYLLATNPDC QEKLREVDV FKEKHMAPEF CSLEGLPYL DMVIAETLRM YPPAFRFTRE AAQDCEVLGQ RIPAGAVLEM AVGALHHDPE HWSPETFNP ERFTAERQQ HRPFTYLPFG AGPRSCLGVR LGLLEVKLTL LHVLHKFRFQ ACPETQVPLQ LESKSALGPK NGVYIKIVSR
Sequence Length	534
Applicable Applications for anti-TBXAS1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human TBXAS1
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Endoplasmic reticulum membrane, Multi-pass membrane protein
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



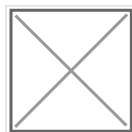
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using TBXAS1 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using TBXAS1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TBXAS1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-TBXAS1 antibody	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. However, this protein is considered a member of the cytochrome P450 superfamily on the basis of sequence similarity rather than functional similarity. This endoplasmic reticulum membrane protein catalyzes the conversion of prostglandin H2 to thromboxane A2, a potent vasoconstrictor and inducer of platelet aggregation. The enzyme plays a role in several pathophysiological processes including hemostasis, cardiovascular disease, and stroke. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-TBXAS1 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	195972898
NCBI GeneID	6916
NCBI Accession #	NP_001052.2
NCBI GenBank Nucleotide #	NM_001061.4
UniProt Accession #	P24557; O14987; Q16843; Q16844; Q8IUN1; Q96CN2; Q9GZW4; Q9HD77; B4DJG6; E7EMU9; E7EP08; E7ESB5
Molecular Weight	Calculated: 52kDa; 60kDa; 65kDa Observed: 50kDa; 60kDa
NCBI Official Full Name	thromboxane-A synthase isoform 1
NCBI Official Synonym Full Names	thromboxane A synthase 1
NCBI Official Symbol	TBXAS1
NCBI Official Synonym Symbols	TS; TXS; CYP5; THAS; TXAS; CYP5A1; GHOSAL; BDPLT14
NCBI Protein Information	thromboxane-A synthase
UniProt Protein Name	Thromboxane-A synthase
UniProt Gene Name	TBXAS1
UniProt Synonym Gene Names	CYP5; CYP5A1; TXA synthase; TXS

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tbxas1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281033>