

Rabbit CYP5A1 Polyclonal Antibody | anti-TBXAS1 antibody

CYP5A1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283736	Rabbit	Mouse (Predicted Reactivity: Bovine, Monkey)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

CYP5A1; Polyclonal Antibody; CYP5A1 Antibody (Center); Thromboxane-A synthase; TXA synthase; TXS; Cytochrome P450 5A1; TBXAS1; CYP5; anti-TBXAS1 antibody

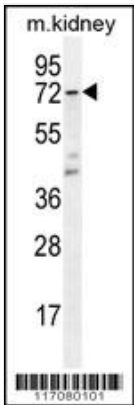
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Bovine, Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CYP5A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 226-257 amino acids from the Central region of human CYP5A1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.3 (varies by lot)
Sequence Positions	226-257
Sequence Length	534
Applicable Applications for anti-TBXAS1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
CYP5A1 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CYP5A1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CYP5A1 Antibody (Center) western blot analysis in mouse kidney tissue lysates (35ug/lane).This demonstrates the CYP5A1 antibody detected the CYP5A1 protein (arrow).

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	Cancer; Cardiovascular; Cell biology; Metabolism; Signal transduction
References	Shimada, M., et al. Hum. Genet. 128(4):433-441(2010) Wang, L.H., et al. Prostaglandins Other Lipid Mediat. 68-69, 409-422 (2002) : Tazawa, R., et al. Arch. Biochem. Biophys. 334(2):349-356(1996) Baek, S.J., et al. Gene 173(2):251-256(1996) Wang, L.H., et al. Arch. Biochem. Biophys. 315(2):273-278(1994)

NCBI AND UNIPROT INFORMATION

NCBI GI #	195972898
NCBI GeneID	6916
NCBI Accession #	NP_001052.2; NP_001124438.1; NP_001159726.1
NCBI GenBank Nucleotide #	NM_001061.4
UniProt Accession #	P24557; O14987; Q16843; Q16844; Q8IUN1; Q96CN2; Q9GZW4; Q9HD77; B4DJG6; E7EMU9; E7EP08; E7ESB5
Molecular Weight	60518
NCBI Official Full Name	thromboxane-A synthase isoform 1
NCBI Official Synonym Full Names	thromboxane A synthase 1 (platelet)

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
UniProt Entry Name	THAS_HUMAN

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/cyp5a1-antibody-immunohistochemistry-western-blot-elisa/283736>