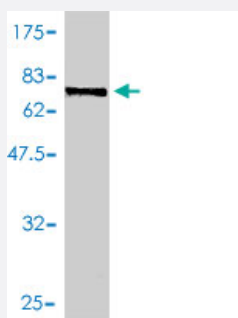


TBXAS1 polyclonal antibody (A01)

Catalog # H00006916-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (77.37 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant TBXAS1.
Immunogen	TBXAS1 (AAH14117, 1 a.a. ~ 466 a.a) full-length recombinant protein with GST tag.
Sequence	MELRKLYGPLCGYYLGRRMFVISEPDMIKQVLVENFSNFTNRMASGLEFKSVADSVLFLRDKRW EEVRGALMSAFSPEKLNEMVPLISQACDLLLAHLKRYAESGDAFDIQRCYCNYTTDVVASVAFGT PVDSWQAPEDPFVKHCKRFFEFCEIPRPILVLLSFPSIMVPLARILPNKNRDELNGFFNKLIRNVIAL RDQQAAEERRRDFLQMVLDAHRSASPMGVQDFDIVRDVFSSTGCKPNPSRQHQPSPMARPLT VDEIVGQAFIFLIAGYEITNTLSFATYLLATNPDCQEKLREVDVFKEKHMAPEFCSLEEGLPYLDM VIAETLRMYPPAFRFTREAAQDCEVLGQRIPAGAVLEMAVGALHHDPEHWPSPETFNPERFTAE ARQQHRPFTYLPFGAGPRSCLGVRLLGLLEVKLTLHVLHKFRFQACPETQVPLQLESKSALGPKN GVYIKIVSR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (80)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (77.37 KDa) .
Storage Buffer	50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TBXAS1

Entrez GeneID [6916](#)

GeneBank Accession# [BC014117](#)

Protein Accession# [AAH14117](#)

Gene Name TBXAS1

Gene Alias CYP5, CYP5A1, GHOSAL, THAS, TS, TXAS, TXS

Gene Description thromboxane A synthase 1 (platelet)

Omim ID [274180](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations TXA synthase|cytochrome P450, family 5, subfamily A, polypeptide 1|platelet, cytochrome P450, subfamily V|thromboxane A synthase 1

Pathway

- [Arachidonic acid metabolism](#)

- [Metabolic pathways](#)

Disease

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Chorioamnionitis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
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- [Premature Birth](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)