

DNAXPAb

Hard-to-Find
Antibody

TBXAS1 DNAXPab

Catalog # H00006916-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TBXAS1 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MMEALGFLKLEVNGPMVTVALSVALLALLKWYSTSAFSRLEKLGLRHPKPSPFIGNLTFFRQGFW ESQMELRKLYGPLCGYYLGRRMFVISEPDMIKQVLVENFSNFTNRMASGLEFKSVADSVLFLRDK RWEEVRGALMSAFSPEKLNEMVPLISQACDLLLAHLKRYAESGDAFDIQRCYCNYTTDVVASVAF GTPVDSWQAPEDPFVKHCKRFFEFECIPRPILVLLSFPSIMVPLARILPNKNRDELNGFFNKLIRNVI ALRDQQAEEERRRDFLQMVLDAHSASPMGVQDFDIVRDVFSSTGCKPNPSRQHQPSPMARP LTVDEIVGQAFIFLIAGYEIITNTLSFATYLLATNPDCQEKLLREVDVFKEKHMAPEFCSLEEGLPYLD MVIAETLRMYPPAFRFTREAAQDCVGLGQRIPAGAVLEMAVGALHHDPEHWPSPETFNPERFTA EARQQHRPFTYLPFGAGPRSCLGVRLLGLEVKLTLLHVLHKFRFQACPETQVPLQLESKSALGPK NGVYIKMSR
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — TBXAS1

Entrez GeneID [6916](#)

GeneBank Accession# [BC041157.1](#)

Protein Accession# [AAH41157.1](#)

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](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Narcolepsy](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)