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Datasheet

TBXAS1 polyclonal antibody (A01)

Catalog Number: H00006916-A01

Regulation Status: For research use only (RUO)

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:
MELRKLYGPLCGYYLGRRMFIVISEPDMIKQVLVENFS
NFTNRMASGLEFKSVADSVLFLRDKRWEEVRGALMS
AFSPEKLNEMVPLISQACDLLLAHLKRYAESGDAFDIQ
RCYCNYTTDVVASVAFGTPVDSWQAPEDPFVKHCKR
FFEFCIPRPILVLLLSFPSIMVPLARILPNKNRDELNGFF
NKLIRNVIALRDQQAAEERRRDFLQMVLDARHSASPM
GVQDFDIVRDVFSSTGCKPNPSRQHQPSPMARPLTV
DEIVGQAFIFLIAGYEIITNTLSFATYLLATNPDCQEKLLR
EVDVFKEKHMAPEFCSLEEGLPYLDMVIAETLRMYPP
AFRFTREAAQDCEVLGQRIPAGAVLEMAVGALHHDPE
HWPSPETFNPERFTAEARQQHRPFTYLPFGAGPRSC
LGVRLGLLEVKLTLLHVLHKFRFQACPETQVPLQLESK
SALGPKNGVYIKIVSR

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Storage Buffer: 50 % glycerol

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

Entrez GeneID: 6916

Gene Symbol: TBXAS1

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

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]