

Mouse TBXAS1 Monoclonal Antibody | anti-TBXAS1 antibody

TBXAS1 antibody

CATALOG # AAA107968	HOST Mouse	APPLICATIONS Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
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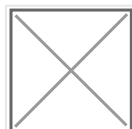
PRODUCT SYNONYMS

TBXAS1; Monoclonal Antibody; TBXAS1 antibody; Monoclonal TBXAS1; Anti-TBXAS1; Thromboxane A synthase 1; CYP5; CYP5A1; THAS; Cytochrome P450 5A1; TXA synthase; FLJ52771; TBXAS 1; TBXAS-1; anti-TBXAS1 antibody

PRODUCT SPECIFICATIONS

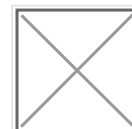
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	2C1
Purity/Purification	TBXAS1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Applicable Applications for anti-TBXAS1 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	TBXAS1 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 prostaglandin 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.
Cross-Reactivity	Human, Rat
Immunogen	TBXAS1 antibody was raised in mouse using a full length recombinant protein of human TBXAS1 (NP_001052) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant TBXAS1 protein using TBXAS1 antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of TBXAS1 protein in paraffin embedded Human liver tissue using TBXAS1 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant TBXAS1 protein (Right) or empty vector (Left) detected with TBXAS1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-TBXAS1 antibody	Mouse monoclonal TBXAS1 antibody
Product Categories/Family for anti-TBXAS1 antibody	Proteases ; Inhibitors ; & Enzymes

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/monoclonal/tbxas1-antibody-clone-2c1-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/107968>