

TBXAS1 Rabbit Polyclonal Antibody



CAB13362

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

50-56kDa

Calculated MW:

52kDa/60kDa/65kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

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.

Immunogen information

Gene ID:

6916

Uniprot

P24557

Synonyms:

TBXAS1; BDPLT14; CYP5; CYP5A1; GHOSAL; THAS; TS; TXAS; TXS

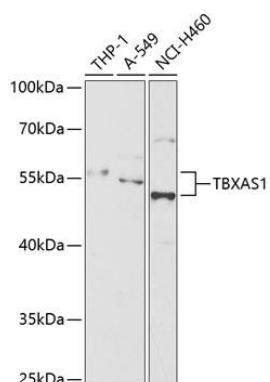
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 355-534 of human TBXAS1 (NP_001052.2).

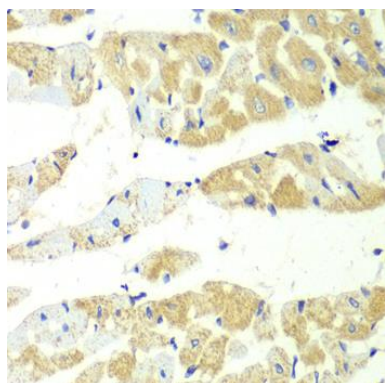
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

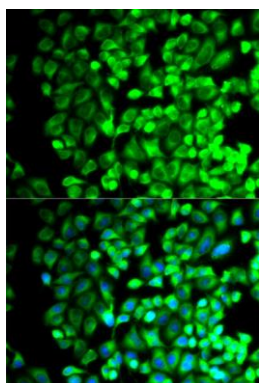
Product Images



Western blot analysis of extracts of various cell lines, using TBXAS1 antibody (CAB13362) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.



Immunohistochemistry of paraffin-embedded mouse heart using TBXAS1 antibody (CAB13362) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of HeLa cells using TBXAS1 antibody (CAB13362). Blue: DAPI for nuclear staining.