

## TBXAS1

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:** 61kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human TBXAS1

**Storage Buffer:**

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

**Synonym:**

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

**Catalog #:** A1988

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 6916

**Isotype:** IgG

**Swiss Prot:** P24557

**Purity:** Affinity purification

For research use only.

**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 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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