

TBXAS1 antibody

Product Information

Catalog No.:	FNab08543
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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

Immunogen:	thromboxane A synthase 1 (platelet)
Synonyms:	Thromboxane-A synthase (TXA synthase, TXS) Cytochrome P450 5A1 Hydroperoxy icosatetraenoate dehydratase TBXAS1 CYP5 CYP5A1 TXAS
Observed MW:	60 kDa
Uniprot ID :	P24557

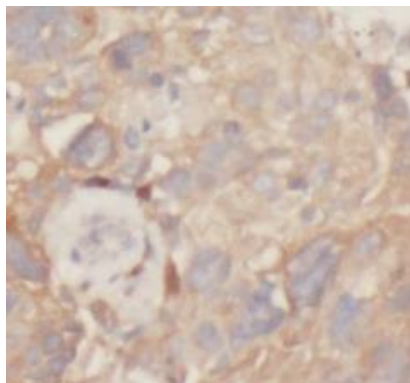
Application

Reactivity:	Human, Mouse
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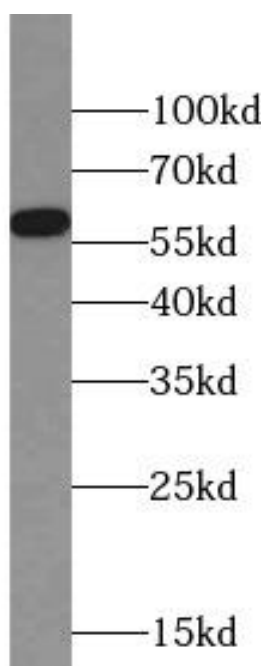
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human lung cancer using FNab08543(TBXAS1 antibody) at dilution of 1:50



A549 cells were subjected to SDS PAGE followed by western blot with FNab08543(TBXAS1 antibody) at dilution of 1:1000