

Product datasheet

Anti-Thromboxane synthase antibody ab187176

1 References 4 Images

Overview

Product name	Anti-Thromboxane synthase antibody
Description	Rabbit polyclonal to Thromboxane synthase
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment corresponding to Human Thromboxane synthase aa 354-533 (C terminal). Database link: P24557
Positive control	A549, HT-29, U937 and H460 cell extracts.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.3 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 50% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab187176** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 61 kDa.
IHC-P		1/50 - 1/200.

Target

Tissue specificity

Platelets, lung, kidney, spleen, macrophages and lung fibroblasts.

Involvement in disease

Defects in TBXAS1 are the cause of Ghosal hematodiaphyseal dysplasia (GHDD) [MIM:231095]. GHDD is a rare autosomal recessive disorder characterized by increased bone density with predominant diaphyseal involvement and aregenerative corticosteroid-sensitive anemia. Aregenerative anemia is characterized by bone marrow failure, so that functional marrow cells are regenerated slowly or not at all.

Defects in TBXAS1 are the cause of thromboxane synthetase deficiency (TBXAS1 deficiency) [MIM:274180]. It is characterized by hemorrhagic diathesis.

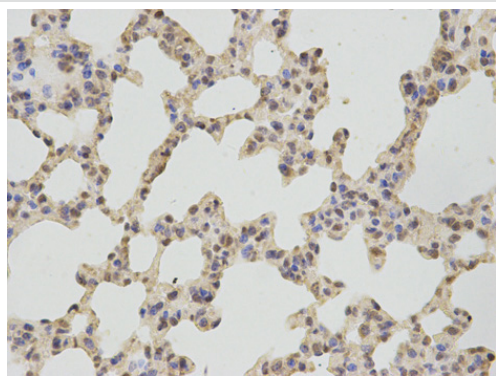
Sequence similarities

Belongs to the cytochrome P450 family.

Cellular localization

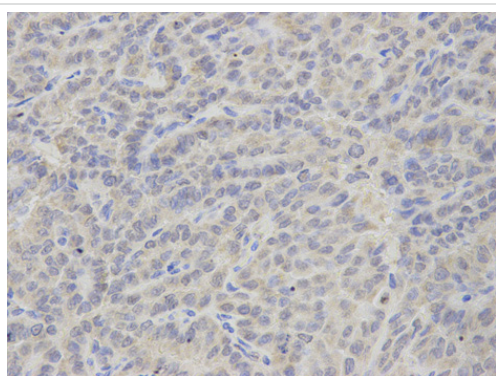
Endoplasmic reticulum membrane.

Images



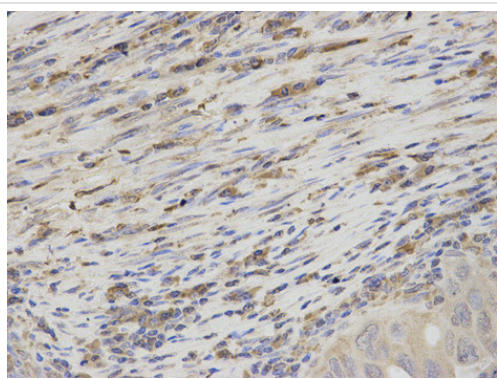
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse lung tissue labelling Thromboxane synthase with ab187176 at 1/200. Magnification: 400x.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Thromboxane synthase antibody (ab187176)



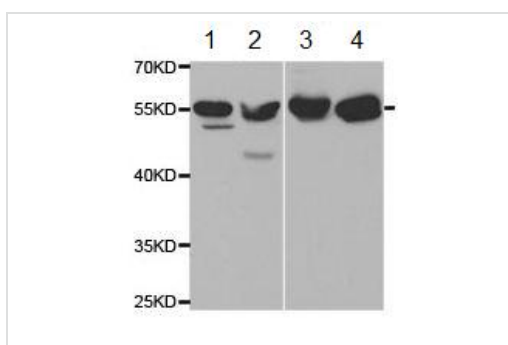
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human thyroid cancer tissue labelling Thromboxane synthase with ab187176 at 1/200. Magnification: 400x.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Thromboxane synthase antibody (ab187176)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Thromboxane synthase antibody (ab187176)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human endometrial cancer tissue labelling Thromboxane synthase with ab187176 at 1/200. Magnification: 400x.



Western blot - Anti-Thromboxane synthase antibody (ab187176)

All lanes : Anti-Thromboxane synthase antibody (ab187176) at 1/500 dilution

Lane 1 : A549 cell extract

Lane 2 : HT-29 cell extract

Lane 3 : U937 cell extract

Lane 4 : H460 cell extract

Predicted band size: 61 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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