

Datasheet for ABIN1881882
anti-THBS4 antibody (C-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 400 µL |
| Target: | THBS4 |
| Binding Specificity: | AA 932-961, C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This THBS4 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|---------------|--|
| Immunogen: | This THBS4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 932-961 amino acids from the C-terminal region of human THBS4. |
| Clone: | RB41089 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

| | |
|-------------------|--|
| Target: | THBS4 |
| Alternative Name: | THBS4 (THBS4 Products) |
| Background: | The protein encoded by this gene belongs to the thrombospondin protein family. |

Target Details

Thrombospondin family members are adhesive glycoproteins that mediate cell-to-cell and cell-to-matrix interactions. This protein forms a pentamer and can bind to heparin and calcium. Studies of the rat counterpart suggest that this protein may be involved in local signaling in the developing and adult nervous system.

Molecular Weight: 105869

NCBI Accession: [NP_003239](#)

UniProt: [P35443](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

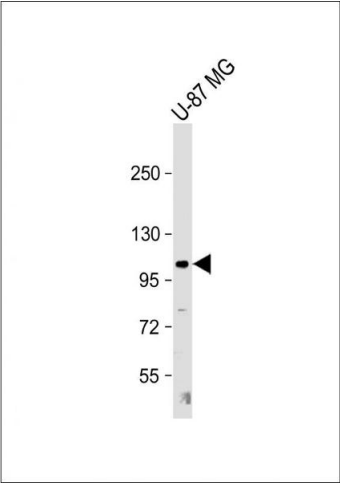
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Expiry Date: 6 months

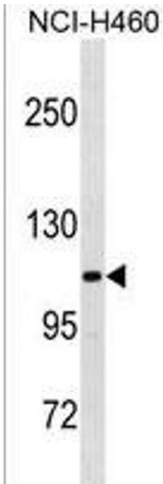
Publications

Product cited in: Wang, Fu, Xie, Wang, Chu, Wang, Shen, Wang, Wang, Sun, Lei, Yang, Wu, Foo, Liu, Jin, Huang: "Common polymorphisms in ITGA2, PON1 and THBS2 are associated with coronary atherosclerosis in a candidate gene association study of the Chinese Han population." in: **Journal of human genetics**, Vol. 55, Issue 8, pp. 490-4, (2010) ([PubMed](#)).



Western Blotting

Image 1. Anti-THBS4 Antibody (C-term) at 1:2000 dilution + U-87 MG whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 106 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 2. THBS4 Antibody (C-term) (ABIN1881882 and ABIN2838744) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the THBS4 antibody detected the THBS4 protein (arrow).