

Rabbit Thrombospondin 4 Polyclonal Antibody | anti-THBS4 antibody

Anti-Thrombospondin 4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265005	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Thrombospondin 4; Polyclonal Antibody; Anti-Thrombospondin 4 Antibody; anti-THBS4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Thrombospondin 4 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-THBS4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Thrombospondin 4. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



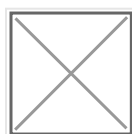
IF (Immunofluorescence)

Immunofluorescent analysis of Thrombospondin 4 staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of Thrombospondin 4 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Thrombospondin 4 expression in HEK293T (A), H446 (B), mouse testis (C), rat lung (D) whole cell lysates. (Predicted band size: 105 kD; Observed band size: 130 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-THBS4 antibody	Rabbit polyclonal antibody to Thrombospondin 4
Product Categories/Family for anti-THBS4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	31543806
NCBI GeneID	7060
NCBI Accession #	NP_003239
NCBI GenBank Nucleotide #	NM_003248.4
UniProt Accession #	P35443; Q9Z1T2; P49744
Molecular Weight	105,869 Da
NCBI Official Full Name	thrombospondin-4
NCBI Official Synonym Full Names	thrombospondin 4
NCBI Official Symbol	THBS4
NCBI Official Synonym Symbols	TSP4
NCBI Protein Information	thrombospondin-4
UniProt Protein Name	Thrombospondin-4
UniProt Gene Name	THBS4
UniProt Synonym Gene Names	TSP4
UniProt Entry Name	TSP4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/thrombospondin-4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/265005>