

Rabbit anti-Human Thrombospondin 2 Polyclonal Antibody | anti-THBS2 antibody

Anti-Thrombospondin 2 antibody

CATALOG # AAA44994	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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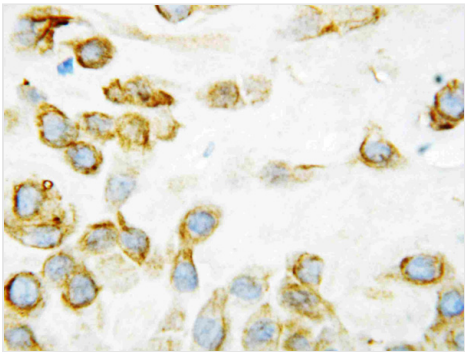
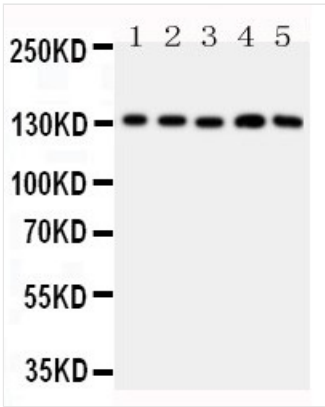
PRODUCT SYNONYMS

Thrombospondin 2; Polyclonal Antibody; Anti-Thrombospondin 2 antibody; Thrombospondin-2; thrombospondin 2; THBS2 antibody; Thrombospondin-2 antibody; TSP2 antibody; TSP2_HUMAN antibody; anti-THBS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	1172
Applicable Applications for anti-THBS2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human Thrombospondin 2 (637-655aa EAAKTEKQVCEPENCKDK), different from the mouse sequence by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-Thrombospondin 2 antibody, AAA44994, IHC(P)IHC(P): Human Placenta Tissue

WB (Western Blot)
Anti-Thrombospondin 2 antibody, AAA44994, Western blottingAll lanes: Anti THBS2 (AAA44994) at 0.5ug/mlLane 1: SMMC Whole Cell Lysate at 40ugLane 2: MCF-7 Whole Cell Lysate at 40ugLane 3: HT1080 Whole Cell Lysate at 40ugLane 4: JURKAT Whole Cell Lysate at 40ugLane 5: NIH 3T3 Whole Cell Lysate at 40ugPredicted bind size: 130KDObserved bind size: 130KD

ADDITIONAL INFORMATION

Related Product Information for anti-THBS2 antibody

Description: Rabbit IgG polyclonal antibody for Thrombospondin-2(THBS2) detection. Tested with WB, IHC-P in Human.

Background: Thrombospondin-2(THBS2) is a protein that in humans is encoded by the THBS2 gene. The protein encoded by this gene belongs to the thrombospondin family. The THBS2 is mapped to 6q27 and it is located on chromosome 17. The gene was transcribed in fibroblasts, smooth muscle cells, and an osteosarcoma cell line. It functions as a protein inhibitor of tumor growth and angiogenesis and modulates the cell surface properties of mesenchymal cells and be involved in cell adhesion and migration.

NCBI AND UNIPROT INFORMATION

NCBI GI #	215273908
NCBI GeneID	7058
UniProt Accession #	P35442; Q5RI52; A6H8N1; A7E232
Molecular Weight	129,991 Da
NCBI Official Full Name	Thrombospondin-2
NCBI Official Synonym Full Names	thrombospondin 2
NCBI Official Symbol	THBS2
NCBI Official Synonym Symbols	TSP2
NCBI Protein Information	thrombospondin-2
UniProt Protein Name	Thrombospondin-2
UniProt Gene Name	THBS2
UniProt Synonym Gene Names	TSP2
UniProt Entry Name	TSP2_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.