

Anti-TSP2 Antibody
Catalog # ABO10739**Specification**

Anti-TSP2 Antibody - Product Information

Application	IHC, WB
Primary Accession	P35442
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

Description

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

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-TSP2 Antibody - Additional Information

Gene ID 7058

Other Names

Thrombospondin-2, THBS2, TSP2

Calculated MW

129991 MW KDa

Application Details

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat
Western blot, 0.1-0.5 µg/ml, Human

Tissue Specificity

High expression in vertebral disk tissue. .

Protein Name

Thrombospondin-2

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Thimerosal, 0.05mg NaN₃.

Immunogen

A synthetic peptide corresponding to a sequence in the middle region of human Thrombospondin 2(637-655aa EAAKTEKQVCEPENPCKDK), different from the mouse sequence by two amino acids.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After r°Constitution, at 4°C for one month. It°Can also be aliquotted and stored frozen at -20°C for a longer time.Avoid repeated freezing and thawing.

Sequence Similarities

Belongs to the thrombospondin family.

Anti-TSP2 Antibody - Protein Information

Name THBS2

Synonyms TSP2

Function

Adhesive glycoprotein that mediates cell-to-cell and cell-to- matrix interactions. Ligand for CD36 mediating antiangiogenic properties.

Tissue Location

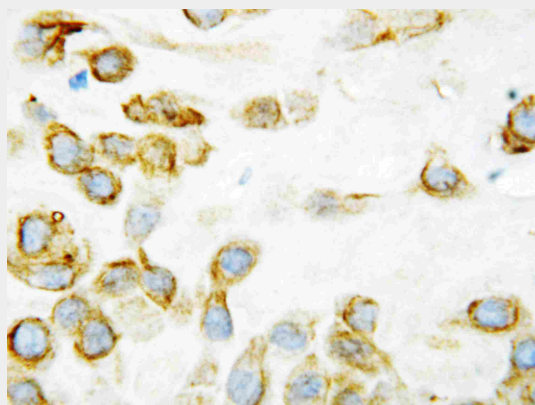
High expression in intervertebral disk tissue.

Anti-TSP2 Antibody - Protocols

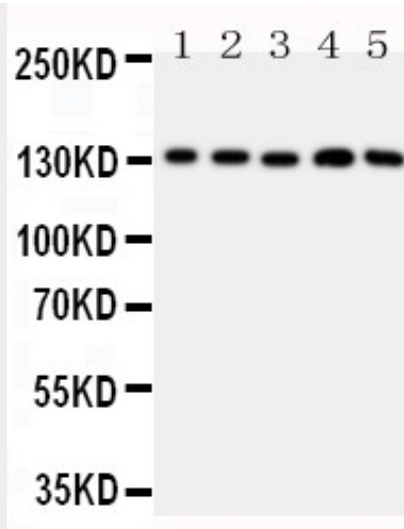
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-TSP2 Antibody - Images



Anti-Thrombospondin 2 antibody, ABO10739, IHC(P)IHC(P): Human Placenta Tissue



Anti-Thrombospondin 2 antibody, ABO10739, Western blotting All lanes: Anti THBS2 (ABO10739) at 0.5ug/ml Lane 1: SMMC Whole Cell Lysate at 40ug Lane 2: MCF-7 Whole Cell Lysate at 40ug Lane 3: HT1080 Whole Cell Lysate at 40ug Lane 4: JURKAT Whole Cell Lysate at 40ug Lane 5: NIH 3T3 Whole Cell Lysate at 40ug Predicted bind size: 130KD Observed bind size: 130KD

Anti-TSP2 Antibody - 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.