

Anti-TSP2 Antibody

Catalog # ABO10739

Product Information

Application	WB, IHC-P
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.

Additional Information

Gene ID	7058
Other Names	Thrombospondin-2, THBS2, TSP2
Calculated MW	129991
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 μ g/ml, Human, By Heat Western blot, 0.1-0.5 μ g/ml, Human
Tissue Specificity	High expression in intervertebral disk tissue. .
Source	Eukaryota
Protein Name	Thrombospondin-2
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
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 reconstitution, 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.

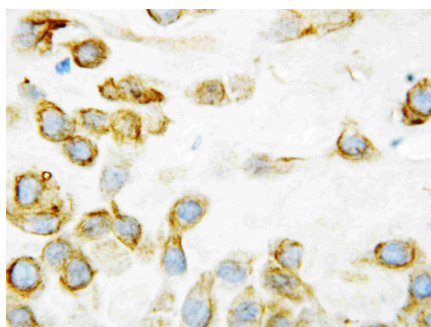
Protein Information

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.

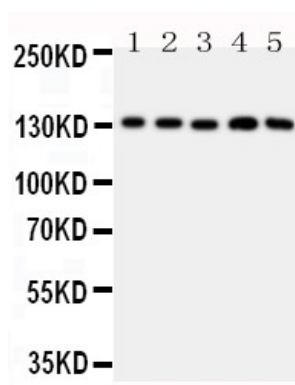
Background

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.

Images



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



Anti-Thrombospondin 2 antibody, ABO10739, Western blottingAll lanes: Anti THBS2 (ABO10739) 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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.