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Anti-Thrombospondin 2 Antibody

Catalog # AP60403

Product Information

Application	WB, IHC, IF/IC
Primary Accession	P35442
Reactivity	Human, Mouse, Rat, Chicken, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	129991

Additional Information

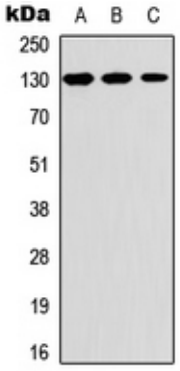
Gene ID	7058
Other Names	TSP2; Thrombospondin-2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Thrombospondin 2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/50 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/50 - 1/200) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

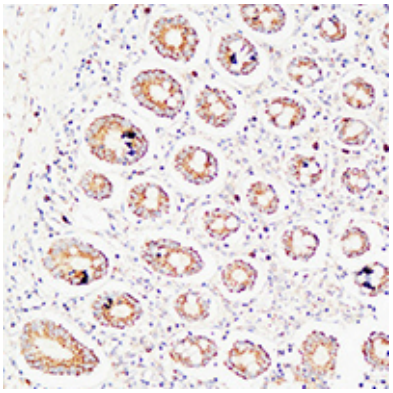
Name	THBS2
Synonyms	TSP2
Function	Adhesive glycoprotein that mediates cell-to-cell and cell-to- matrix interactions. Ligand for CD36 mediating antiangiogenic properties.
Tissue Location	High expression in invertebral disk tissue.

Images

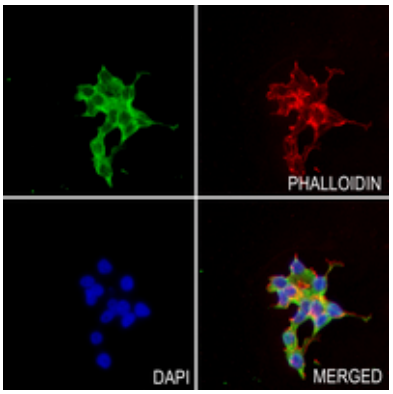
Western blot analysis of Thrombospondin 2 expression in A549 (A), Raw264.7 (B), PC12 (C) whole cell lysates.



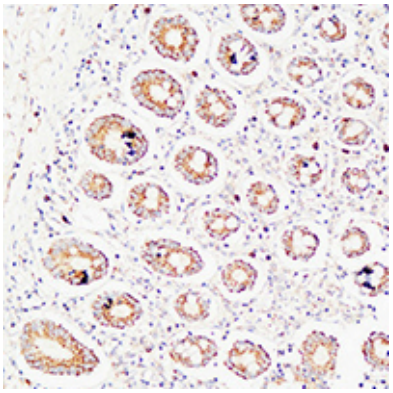
(Predicted band size: 129 kD; Observed band size: 129 kD)



Immunohistochemical analysis of Thrombospondin 2 staining in human colon 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.



Immunofluorescent analysis of Thrombospondin 2 staining in 22RV1 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 hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



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