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Anti-ADAMTS17 Antibody

Catalog # AP61388

Product Information

Application	WB, IHC
Primary Accession	Q8TE56
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	121127

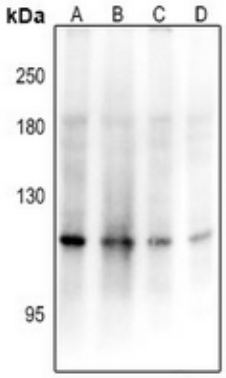
Additional Information

Gene ID	170691
Other Names	A disintegrin and metalloproteinase with thrombospondin motifs 17; ADAM-TS 17; ADAM-TS17; ADAMTS-17
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ADAMTS17. 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)
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

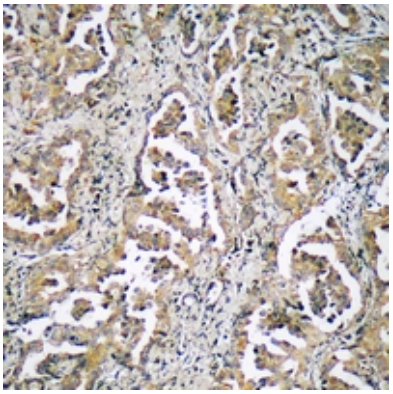
Protein Information

Name	ADAMTS17
Function	Extracellular metalloprotease that regulates skeletal development by modulating BMP-SMAD signaling and extracellular matrix microfibril organization, which controls chondrocyte differentiation and bone growth.
Cellular Location	Secreted, extracellular space, extracellular matrix
Tissue Location	Isoform 1 and isoform 2 are expressed at high levels in the lung, brain, whole eye and retina. Isoform 1 shows a weaker expression in the heart, kidney and skeletal muscle. Isoform 2 shows a weaker expression in the kidney, bone marrow and skeletal muscle. Isoform 1 and isoform 2 are expressed at high levels in the fetal heart, kidney, and whole eye, whereas a weak expression is seen in the fetal liver.

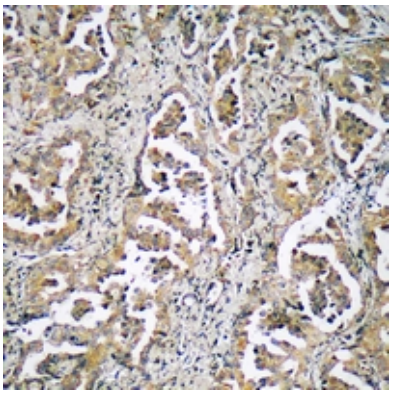
Images



Western blot analysis of ADAMTS17 expression in A549 (A), HEK293T (B), U87MG (C), BV2 (D) whole cell lysates. (Predicted band size: 121 kD; Observed band size: 121 kD)



Immunohistochemical analysis of ADAMTS17 staining in human lung 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.



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