

ADAMTS-19 Polyclonal Antibody

Catalog No :	YT0116
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	ADAMTS-19
Gene Name :	ADAMTS19
Protein Name :	A disintegrin and metalloproteinase with thrombospondin motifs 19
Human Gene Id :	171019
Human Swiss Prot No :	Q8TE59
Mouse Gene Id :	240322
Mouse Swiss Prot No :	P59509
Immunogen :	The antiserum was produced against synthesized peptide derived from human ADAMTS19. AA range:251-300
Specificity :	ADAMTS-19 Polyclonal Antibody detects endogenous levels of ADAMTS-19 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 140kD

Background :

This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motif) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The protein encoded by this gene has high sequence similarity to the protein encoded by ADAMTS16, another family member. [provided by RefSeq, Jul 2008],

Function :

cofactor: Binds 1 zinc ion per subunit., domain: The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme., PTM: The precursor is cleaved by a furin endopeptidase., similarity: Contains 1 disintegrin domain., similarity: Contains 1 peptidase M12B domain., similarity: Contains 1 PLAC domain., similarity: Contains 5 TSP type-1 domains., tissue specificity: Expressed in fetal lung, but not in any adult tissues examined. Expression was detected in an osteosarcoma cDNA library.,

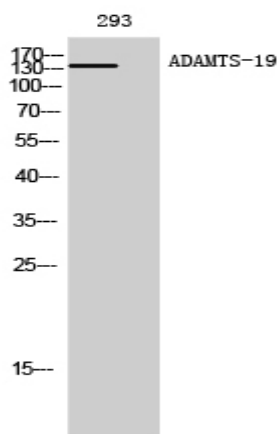
Subcellular Location :

Secreted, extracellular space, extracellular matrix .

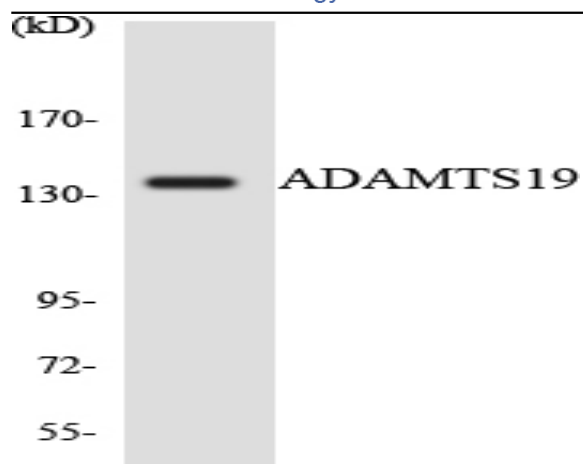
Expression :

Expressed in fetal lung, but not in any adult tissues examined. Expression was detected in an osteosarcoma cDNA library.

Products Images



Western Blot analysis of 293 cells using ADAMTS-19 Polyclonal Antibody



Western blot analysis of the lysates from RAW264.7 cells using ADAMTS19 antibody.