



ATS15 rabbit pAb

Catalog No	BYab-24273
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	ADAMTS15
Protein Name	ATS15
Immunogen	Synthesized peptide derived from human ATS15 AA range: 165-215
Specificity	This antibody detects endogenous levels of ATS15 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.207% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	A disintegrin and metalloproteinase with thrombospondin motifs 15 (ADAM-TS 15) (ADAM-TS15) (ADAMTS-15) (EC 3.4.24.-)
Observed Band	105kD
Cell Pathway	Secreted, extracellular space, extracellular matrix . Cell surface .
Tissue Specificity	Expressed in fetal liver and kidney, but not in any of the adult tissues examined.
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., domain: The spacer domain and the TSP type-1 domains are important for a tight interaction with the extracellular matrix., PTM: The precursor is cleaved by a furin endopeptidase., similarity: Contains 1 disintegrin domain., similarity: Contains 1 peptidase M12B domain., similarity: Contains 3 TSP type-1 domains., tissue specificity: Expressed in fetal liver and kidney, but not in any of the adult tissues examined.,

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Background

This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. ADAMTS family members 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 encoded preproprotein is proteolytically processed to generate the mature enzyme, which may play a role in versican processing during skeletal muscle development. This gene may function as a tumor suppressor in colorectal and breast cancers. [provided by RefSeq, May 2016],

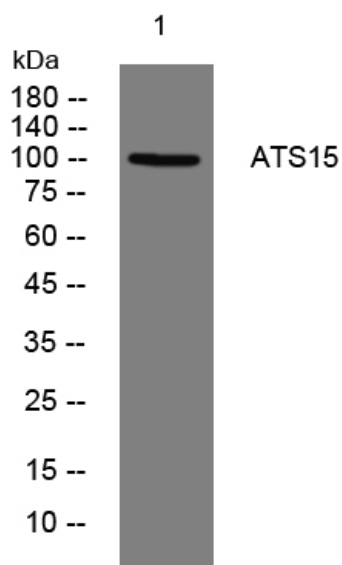
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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