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ADAMTS4 Antibody (Internal)

Rabbit Polyclonal Antibody
Catalog # ALS10391

Specification

ADAMTS4 Antibody (Internal) - Product Information

Application	**IHC**
Primary Accession	O75173
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**90kDa KDa**

ADAMTS4 Antibody (Internal) - Additional Information

Gene ID 9507

Other Names
A disintegrin and metalloproteinase with thrombospondin motifs 4, ADAM-TS 4, ADAM-TS4, ADAMTS-4, 3.4.24.82, ADMP-1, Aggrecanase-1, ADAMTS4, KIAA0688

Target/Specificity
Human ADAMTS4. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Store at 4°C for short term applications. For long term storage, aliquot and store at -20°C.

Precautions
ADAMTS4 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

ADAMTS4 Antibody (Internal) - Protein Information

Name ADAMTS4

Synonyms KIAA0688

Function
Cleaves aggrecan, a cartilage proteoglycan, and may be involved in its turnover. May play an important role in the destruction of aggrecan in arthritic diseases. Could also be a critical factor in the exacerbation of neurodegeneration in Alzheimer disease. Cleaves aggrecan at the '392-Glu-|-Ala-393' site.

Cellular Location
Secreted, extracellular space, extracellular matrix

Tissue Location

Expressed in brain, lung and heart (PubMed:23897278). Expressed at very low level in placenta and skeletal muscles (PubMed:23897278). Isoform 2: Detected in osteoarthritic synovium (PubMed:16723216, PubMed:23897278)

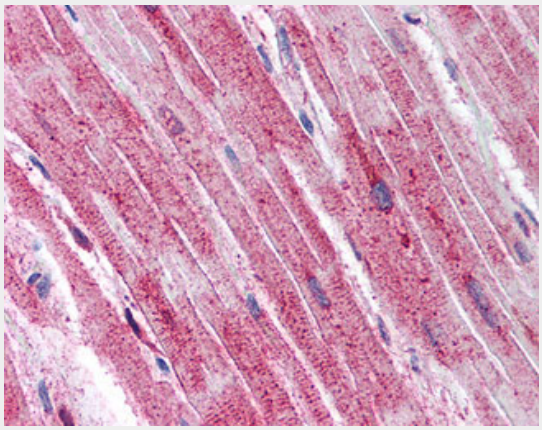
Volume
50 µl

ADAMTS4 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ADAMTS4 Antibody (Internal) - Images



Anti-ADAMTS4 antibody ALS10391 IHC of human heart.

ADAMTS4 Antibody (Internal) - Background

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ADAMTS4 Antibody (Internal) - References

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Ishikawa K.,et al.DNA Res. 5:169-176(1998).
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).