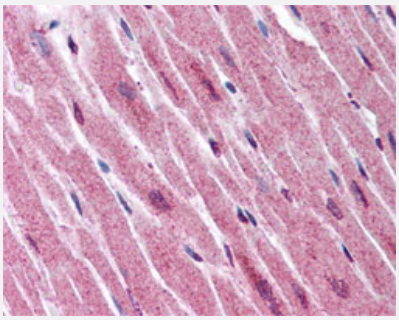
ADAMTS4 polyclonal antibody

Catalog # PAB16218 Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining of human heart with ADAMTS4 polyclonal antibody (Cat # PAB16218).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ADAMTS4.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human ADAMTS4.
Host	Rabbit
Reactivity	Dog, Horse, Human, Monkey
Specificity	internal domain of human .
Form	Liquid
Purification	Immunoaffinity purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (2.6 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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Gene Info — ADAMTS4

Entrez GeneID	9507
Protein Accession#	O75173
Gene Name	ADAMTS4
Gene Alias	ADAMTS-2, ADAMTS-4, ADMP-1, KIAA0688
Gene Description	ADAM metallopeptidase with thrombospondin type 1 motif, 4
Omim ID	603876
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombo spondin motifs) protein family. Members of the family share several distinct protein modules, inclu ding a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombos pondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS m otifs, and some have unique C-terminal domains. The enzyme encoded by this gene lacks a C-ter minal TS motif. It is responsible for the degradation of aggrecan, a major proteoglycan of cartilag e, and brevican, a brain-specific extracellular matrix protein. The cleavage of aggrecan and brevic an suggests key roles of this enzyme in arthritic disease and in the central nervous system, potenti ally, in the progression of glioma. [provided by RefSeq
Other Designations	OTTHUMP00000032249|a disintegrin-like and metalloprotease (reprolysin type) with thrombospo ndin type 1 motif, 4|aggrecanase-1

Disease

- Dominance
- Schizophrenia