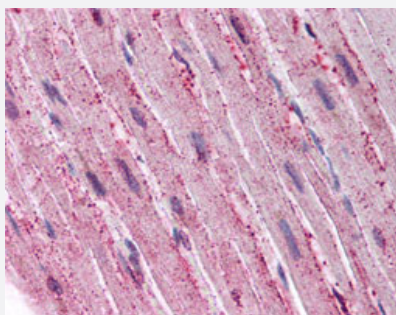


ADAMTS4 polyclonal antibody

Catalog # PAB16220

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 # PAB16220).

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
Specificity	C-terminal domain of human .
Form	Liquid
Purification	Immunoaffinity purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (20 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 should be handled by trained staff only.

Applications

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

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining of human heart with ADAMTS4 polyclonal antibody (Cat # PAB16220).

Gene Info — ADAMTS4

Entrez GeneID [9507](#)

Protein Accession# [O75173](#)

Gene Name ADAMTS4

Gene Alias ADAMTS-2, ADAMTS-4, ADMP-1, KIAA0688

Gene Description ADAM metalloproteinase 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 thrombospondin motifs) 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 enzyme encoded by this gene lacks a C-terminal TS motif. It is responsible for the degradation of aggrecan, a major proteoglycan of cartilage, and brevican, a brain-specific extracellular matrix protein. The cleavage of aggrecan and brevican suggests key roles of this enzyme in arthritic disease and in the central nervous system, potentially, in the progression of glioma. [provided by RefSeq]

Other Designations OTTHUMP00000032249|a disintegrin-like and metalloprotease (repolysin type) with thrombospondin type 1 motif, 4|aggrecanase-1

Disease

- [Dominance](#)
- [Schizophrenia](#)