Datasheet

ADAMTS4 polyclonal antibody

Catalog Number: PAB16220

Regulation Status: For research use only (RUO)

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,Orangutan

Applications: IHC-P
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

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 (0.1% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 9507

Gene Symbol: ADAMTS4

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

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]