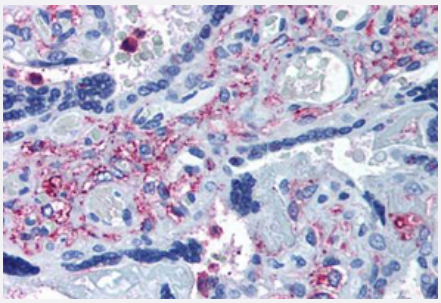
ADAMTS5 polyclonal antibody

Catalog # PAB25974 Size 50 ug

Applications



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

Immunohistochemical staining of human placenta with ADAMTS5 polyclonal antibody (Cat # PAB25974).
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ADAMTS5.
Immunogen	A synthetic peptide corresponding to 20 amino acids at internal region of human ADAMTS5.
Host	Rabbit
Reactivity	Bovine, Human, Monkey, Mouse, Pig, Rat
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (11 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 -80°C. Aliquot to avoid repeated freezing and thawing.

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

Applications

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

  Immunohistochemical staining of human placenta with ADAMTS5 polyclonal antibody (Cat # PAB25974). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Gene Info — ADAMTS5

Entrez GeneID	11096
Protein Accession#	Q9UNA0
Gene Name	ADAMTS5
Gene Alias	ADAMTS11, ADMP-2, FLJ36738
Gene Description	ADAM metallopeptidase with thrombospondin type 1 motif, 5
Omim ID	605007
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 contains two C-terminal TS motifs and functions as aggrecanase to cleave aggrecan, a major proteoglycan of cartilage. [provided by RefSeq
Other Designations	a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 5 (aggr ecanase-2)|aggrecanase-2

Disease

- Genetic Predisposition to Disease
- Osteoarthritis

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