

## Datasheet

### ADAMTS5 polyclonal antibody

**Catalog Number:** PAB25975

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against synthetic peptide of ADAMTS5.

**Immunogen:** A synthetic peptide corresponding to 16 amino acids at internal region of human ADAMTS5.

**Host:** Rabbit

**Reactivity:** Human

**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:** 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) (19 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 -80°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 11096

**Gene Symbol:** ADAMTS5

**Gene Alias:** ADAMTS11, ADMP-2, FLJ36738

**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 contains two C-terminal TS motifs and functions as aggrecanase to cleave aggrecan, a major proteoglycan of cartilage. [provided by RefSeq]