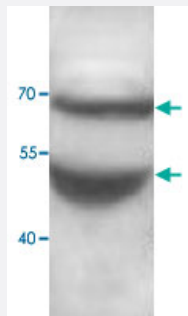


# ADAMTS5 polyclonal antibody

Catalog # PAB18813      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Western blot analysis of human fetal brain lysate with ADAMTS5 polyclonal antibody (Cat # PAB18813) at 1 : 500 dilution.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of ADAMTS5.
<b>Immunogen</b>	A synthetic peptide corresponding to 15 amino acids at C-terminus of human ADAMTS5.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Recommend Usage</b>	ELISA (1:160000) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In buffer containing 0.02% sodium azide
<b>Storage Instruction</b>	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

Western blot analysis of human fetal brain lysate with ADAMTS5 polyclonal antibody (Cat # PAB18813) at 1 : 500 dilution.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — ADAMTS5

Entrez GeneID [11096](#)

Gene Name ADAMTS5

Gene Alias ADAMTS11, ADMP-2, FLJ36738

Gene Description ADAM metalloproteinase 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 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]

**Other Designations** a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 5 (aggrecanase-2)|aggrecanase-2

## Disease

- [Genetic Predisposition to Disease](#)
- [Osteoarthritis](#)