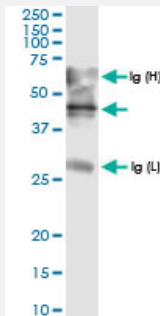


# ADAMTS4 (Human) IP-WB Antibody Pair

Catalog # H00009507-PW1

Size 1 Set

## Applications



Immunoprecipitation of ADAMTS4 transfected lysate using rabbit polyclonal anti-ADAMTS4 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-ADAMTS4.

## Specification

<b>Product Description</b>	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Rat (84)
<b>Quality Control Testing</b>	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of ADAMTS4 transfected lysate using rabbit polyclonal anti-ADAMTS4 and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with rabbit polyclonal anti-ADAMTS4.
<b>Supplied Product</b>	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-ADAMTS4 (300 ul) 2. Antibody pair for WB: rabbit polyclonal anti-ADAMTS4 (50 ul)
<b>Storage Instruction</b>	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — ADAMTS4

**Entrez GeneID** [9507](#)

**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](#)