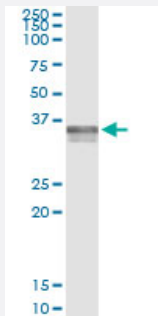


ADAMTS4 (Human) IP-WB Antibody Pair

Catalog # H00009507-PW2

Size 1 Set

Applications



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

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Rat (84)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of ADAMTS4 transfected lysate using mouse monoclonal anti-ADAMTS4 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-ADAMTS4.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-ADAMTS4 (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-ADAMTS4 (50 ul)
Storage Instruction	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](#)