

## ADAM-TS4 Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 251975

**Unit:** 0.1 mg

**Description:**

A disintegrin and metalloproteinase with thrombospondin motifs 4 (ADAM-TS4) cleaves aggrecan, a cartilage proteoglycan, and is involved in its turnover. ADAM-TS4 plays an important role in the destruction of aggrecan in arthritic diseases. ADAM-TS4 is a critical factor in the exacerbation of neurodegeneration in Alzheimer disease. ADAM-TS4 cleaves aggrecan at the '392-Glu-|-Ala-393' site.

**Isotype:** Rabbit Ig

**Applications:** E, WB, IHC

**Species Reactivity:** H

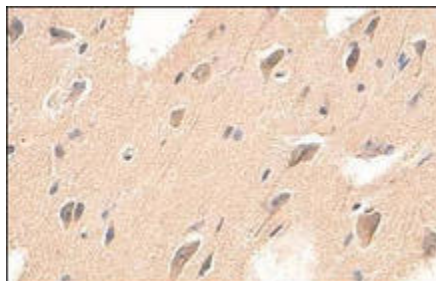
**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

**Alternate Names:** A disintegrin and metalloproteinase with thrombospondin motifs 4; ADAMTS-4; ADAM-TS 4; ADAM-TS4; Aggrecanase-1; ADMP-1; ADAMTS4; KIAA0688

**Accession No.:** O75173

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ADAM-TS4.

**Application Notes:** E: 1:10,000-1:50,000; WB: 1:100-1:500; IHC: 1:100-1:500



**ADAM-TS4 staining in human fetal brain. Paraffin-embedded human fetal brain is stained with ADAM-TS4 Antibody (Cat. No. 251975) used at 1:200 dilution.**

**Storage:** Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.