

Datasheet for ABIN2467991

anti-Adam23 antibody (AA 72-144)[Go to Product page](#)

1 Image

Overview

Quantity:	0.05 mg
Target:	Adam23
Binding Specificity:	AA 72-144
Reactivity:	Human
Host:	Chicken
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Purification:	Immunoaffinity Purified
---------------	-------------------------

Target Details

Target:	Adam23
Alternative Name:	ADAM23 (Adam23 Products)
Background:	FUNCTION: May play a role in cell-cell and cell-matrix interactions. This is a non-catalytic metalloprotease-like protein. SUBUNIT: Ligand for integrin alpha-V/γ-3. SIMILARITY: Contains 1 peptidase M12B domain. SUBCELLULAR LOCATION: Membrane, single-pass type I membrane protein (Potential).

Target Details

Secreted protein. Isoform Gamma.

TISSUE SPECIFICITY: Highly expressed in the brain and weakly expressed in the heart. In the brain, expressed prominently in the amygdala, caudate nucleus, hypothalamus, thalamus, cerebral cortex and occipital pole.

DEVELOPMENTAL STAGE: Highly expressed in the fetal brain.

DOMAIN: A conserved motif AVN[ED]CD within the disintegrin-like domain could be involved in the binding to the integrin receptor.

SUMMARY: This protein is a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. This protein is highly expressed in the brain and may function as an integrin ligand in the brain.

Molecular Weight: 91.9 kDa (calculated)

Gene ID: 8745

NCBI Accession: [NP_003803](#)

UniProt: [O75077](#)

Application Details

Application Notes: ADAM 23 antibody can be used for the detection of ADAM 23 by Western Blot.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Phosphate-Buffered Saline. No preservatives added.

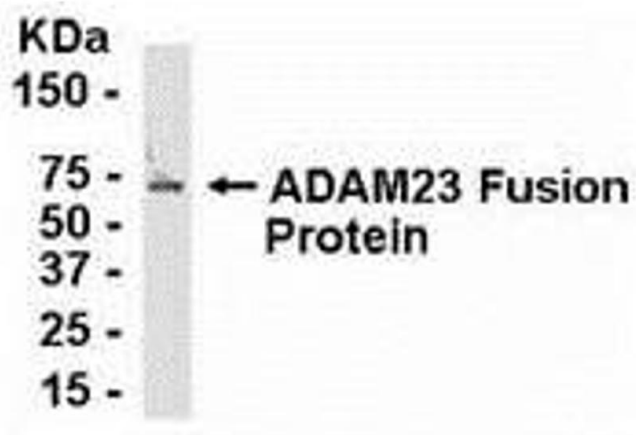
Preservative: Without preservative

Handling Advice: As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Handling

Storage:	4 °C/-20 °C
Storage Comment:	ADAM23 antibody can be stored at 4 °C for short term (weeks). Long term storage should be at -20 °C.

Images



Western Blotting

Image 1.