

# ADAM23 polyclonal antibody

Catalog # PAB15603      Size 100 ug

## Specification

<b>Product Description</b>	Goat polyclonal antibody raised against synthetic peptide of ADAM23.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids at internal region of human ADAM23.
<b>Sequence</b>	NGKPQYSKGGEHC
<b>Host</b>	Goat
<b>Theoretical MW (kDa)</b>	91.9
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	0.5 mg/mL
<b>Recommend Usage</b>	ELISA (1:32000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Storage Instruction</b>	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

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — ADAM23

Entrez GeneID	<a href="#">8745</a>
Protein Accession#	<a href="#">NP_003803.1</a>
Gene Name	ADAM23
Gene Alias	MDC3
Gene Description	ADAM metallopeptidase domain 23
Omim ID	<a href="#">603710</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes 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 gene is highly expressed in the brain and may function as an integrin ligand in the brain. [provided by RefSeq]
Other Designations	a disintegrin and metalloproteinase domain 23

## Publication Reference

- [ADAM23, a possible tumor suppressor gene, is frequently silenced in gastric cancers by homozygous deletion or aberrant promoter hypermethylation.](#)

Takada H, Imoto I, Tsuda H, Nakanishi Y, Ichikura T, Mochizuki H, Mitsufuji S, Hosoda F, Hirohashi S, Ohki M, Inazawa J.  
Oncogene 2005 Dec; 24(54):8051.

## Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Kidney Failure](#)
- [Tobacco Use Disorder](#)