

## Product datasheet

# Anti-ADAM9 antibody ab83835

1 Image

### Overview

<b>Product name</b>	Anti-ADAM9 antibody
<b>Description</b>	Rabbit polyclonal to ADAM9
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Cat, Dog, Zebrafish
<b>Immunogen</b>	A synthetic peptide corresponding to a region within internal amino acids 396 - 445 (NKGGNCLLNI PKPDEAYSAP SCGNKLVDAG EECDCGTPKE CELDPCCEGS) of Human ADAM9 (NP_001005845) <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	293T cell lysate

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 2% Sucrose, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab83835** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 72 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## Target

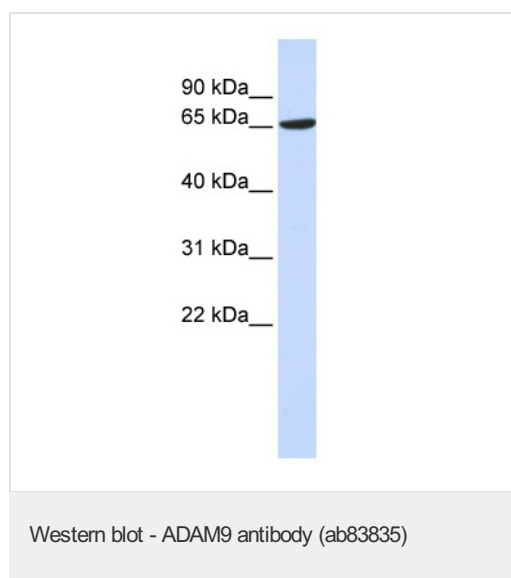
### Relevance

ADAM9 encodes disintegrin and metalloprotease (ADAM) domain 9, which is a member of the ADAM protein family. Members of this family are membrane- anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biologic processes involving cell- cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The member encoded by this gene interacts with SH3 domain-containing proteins, binds mitotic arrest deficient 2 beta protein, and is also involved in TPA-induced ectodomain shedding of membrane-anchored heparin-binding EGF-like growth factor.

### Cellular localization

Isoform 1: Cell membrane; single-pass type I membrane protein. Isoform 2: Secreted protein.

## Images



Anti-ADAM9 antibody (ab83835) at 1 µg/ml +  
293T cell lysate at 10 µg

### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000  
dilution

**Predicted band size:** 72 kDa

**Observed band size:** 67 kDa

Gel concentration 12%

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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