

## ADAM9 Polyclonal Antibody

<b>Catalog No.</b>	A5388	<b>Category</b>	Polyclonal Antibodies
<b>Applications</b>	WB, IF	<b>Observed MW</b>	100kDa
<b>Cross-reactivity</b>	Human, Mouse	<b>Calculated MW</b>	72kDa/90kDa

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 475-685 of human ADAM9 (NP_003807.1).
<b>Gene ID</b>	8754
<b>Swiss prot</b>	Q13443
<b>Synonyms</b>	ADAM9; CORD9; MCMP; MDC9; Mltng; ADAM metalloproteinase domain 9

### Product information

<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification method</b>	Affinity purification
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

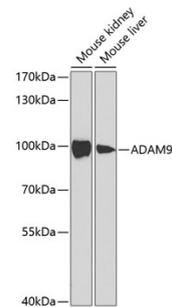
### Background

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. The protein 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. Several alternatively spliced transcript variants have been identified for this gene.

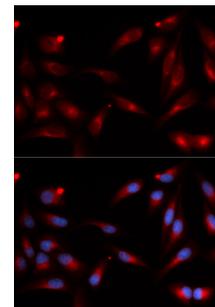
### Recommended Dilutions

WB 1:500 -  
1:2000

IF 1:50 -  
1:200



Western blot - ADAM9 Polyclonal Antibody (A5388)



Immunofluorescence - ADAM9 Polyclonal Antibody (A5388)