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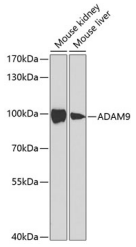
ADAM9 Polyclonal Antibody

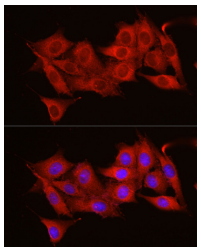
Catalog No.	E-AB-67655	**Reactivity**	H,M,R
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IF	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

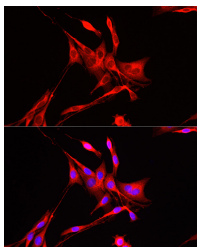
Images



Western blot analysis of extracts of various cell lines using ADAM9 Polyclonal Antibody at 1:1000 dilution.



Immunofluorescence analysis of NIH/3T3 cells using ADAM9 Polyclonal Antibody at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using ADAM9 Polyclonal antibody at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.

Immunogen Information

Immunogen	Recombinant fusion protein of human ADAM9
GeneID	8754
Swissprot	Q13443
Synonyms	ADAM9,CORD9,MCMP,MDC9,Mltng

Product Information

Calculated MW	72kDa/90kDa
Observed MW	100KDa
Buffer	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000,IF 1:50-1:200

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.