

A7940

Leader in Biomolecular Solutions for Life Science



# ADAM12 Rabbit pAb

Catalog No.: A7940 **5 Publications**

## Basic Information

### Observed MW

100kDa

### Calculated MW

100kDa

### Category

Polyclonal Antibody

### Applications

WB,IHC-P,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## Background

This gene encodes a member of a family of proteins that are 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. Expression of this gene has been used as a maternal serum marker for pre-natal development. Alternative splicing results in multiple transcript variants encoding different isoforms. Shorter isoforms are secreted, while longer isoforms are membrane-bound form.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IHC-P** 1:50 - 1:200

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

8038

### Swiss Prot

O43184

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 589-738 of human ADAM12 (NP\_067673.2).

### Synonyms

MCMP; MLTN; CAR10; MLTNA; MCMPMltna; ADAM12-OT1; ADAM12

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

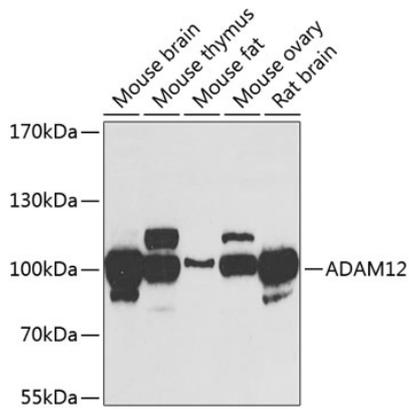
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data



Western blot analysis of various lysates using ADAM12 Rabbit pAb (A7940) at 1:1000 dilution.

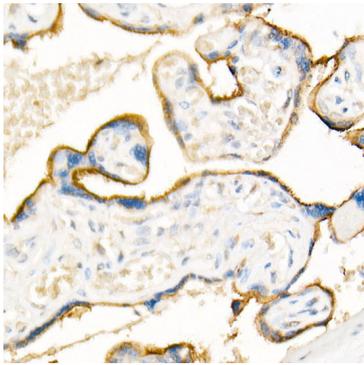
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

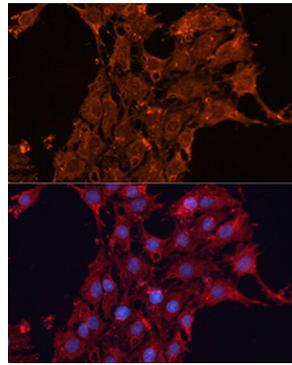
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

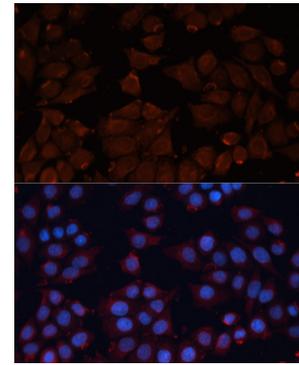
Exposure time: 90s.



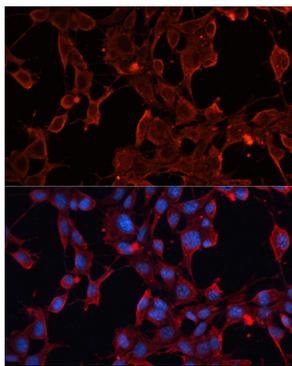
Immunohistochemistry analysis of paraffin-embedded Human placenta using ADAM12 Rabbit pAb (A7940) at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of C6 cells using ADAM12 Rabbit pAb (A7940) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using ADAM12 Rabbit pAb (A7940) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using ADAM12 Rabbit pAb (A7940) at dilution of 1:100. Blue: DAPI for nuclear staining.