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Datasheet for ABIN881323

**anti-ADAM9 antibody (AA 256-360) (Alexa Fluor 488)**

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | ADAM9   |
| Binding Specificity: | AA 256-360  |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This ADAM9 antibody is conjugated to Alexa Fluor 488  |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human ADAM9 |
| Isotype:              | IgG   |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Pig, Horse, Rabbit           |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | ADAM9   |
| Alternative Name: | ADAM9 ( <a href="#">ADAM9 Products</a> )  |
| Background:       | Synonyms: A disintegrin and metalloproteinase domain 9, A disintegrin and metalloproteinase |

## Target Details

domain 9, ADAM 9 antibody ADAM metallopeptidase domain 9, Cellular disintegrin related protein, Disintegrin and metalloproteinase domain 9, MCMP, MDC9, Meltrin gamma, Metalloprotease disintegrin cysteine rich protein 9, Mltng, Myeloma cell metalloproteinase, ADAM9\_HUMAN.

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. [provided by RefSeq].

|           |  |
|-----------|--|
| Gene ID:  | 8754   |
| Pathways: | <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">SARS-CoV-2 Protein Interactome</a> |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only  |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 µg/µL  |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |

## Handling

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Expiry Date: 12 months