

Datasheet for ABIN391640

**anti-ADAM9 antibody (N-Term)**

2 Images

2 Publications

[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	ADAM9
Binding Specificity:	AA 35-64, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAM9 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	This ADAM9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 35-64 amino acids from the N-terminal region of human ADAM9.
Clone:	RB17776
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	ADAM9
Alternative Name:	ADAM9 ( <a href="#">ADAM9 Products</a> )

## Target Details

Background:	ADAM9 is 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. This protein 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.
Molecular Weight:	90556
Gene ID:	8754
NCBI Accession:	<a href="#">NP_003807</a>
UniProt:	<a href="#">Q13443</a>
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin, SARS-CoV-2 Protein Interactome</a>

## Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

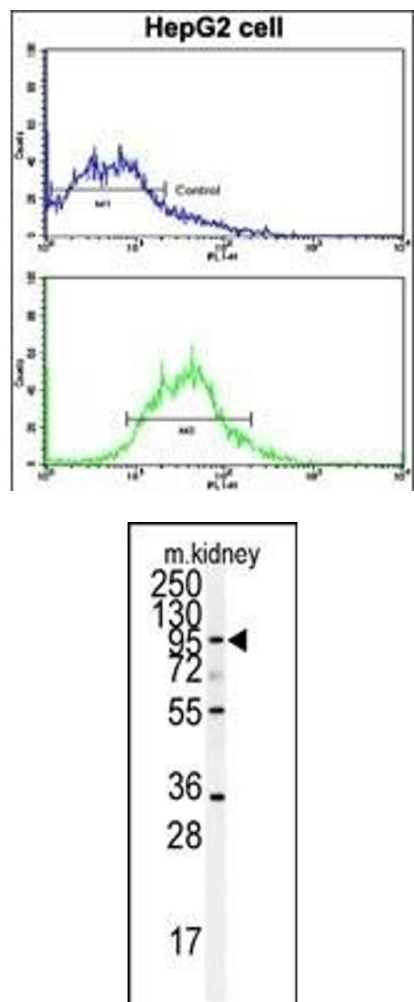
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

## Publications

Product cited in:	Humbert, Navaratnam, Augert, Da Costa, Martien, Wang, Martinez, Abbadie, Carling, de Launoit,
-------------------	---

Gil, Bernard: "Regulation of ploidy and senescence by the AMPK-related kinase NUAK1." in: **The EMBO journal**, Vol. 29, Issue 2, pp. 376-86, (2010) ([PubMed](#)).



### Flow Cytometry

**Image 1.** Flow cytometric analysis of HepG2 cells using AD Antibody (N-term) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** Western blot analysis of anti-AD Antibody (N-term) (ABIN391640 and ABIN2841551) in mouse kidney tissue lysates (35 µg/lane). AD (arrow) was detected using the purified Pab.