

Datasheet for ABIN2790172  
**anti-ARHGAP8 antibody (Middle Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	ARHGAP8
Binding Specificity:	Middle Region
Reactivity:	Horse, Human, Cow, Dog, Guinea Pig, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGAP8 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human ARHGAP8
Sequence:	PRPPLPTQQF GVSLQYLKDK NQGELIPPVL RFTVTYLREK GLRTEGLFRR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against ARHGAP8. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	ARHGAP8
Alternative Name:	ARHGAP8 ( <a href="#">ARHGAP8 Products</a> )
Background:	This gene encodes a member of the RHOGAP family. GAP (GTPase-activating) family proteins

## Target Details

participate in signaling pathways that regulate cell processes involved in cytoskeletal changes. GAP proteins alternate between an active (GTP-bound) and inactive (GDP-bound) state based on the GTP:GDP ratio in the cell. This family member is a multidomain protein that functions to promote Erk activation and cell motility. Alternative splicing results in multiple transcript variants. Read-through transcripts from the upstream proline rich 5, renal (PRR5) gene into this gene also exist, which led to the original description of PRR5 and ARHGAP8 being a single gene. Alias Symbols: BPGAP1, FLJ20185, PP610  
Protein Interaction Partner: UBC, SH3GL1, RHOA, CDC42, BNIP2, ARHGAP1, ARHGAP8, CTTN, RAC1,  
Protein Size: 433

Molecular Weight: 50 kDa

Gene ID: 23779

NCBI Accession: [NM\\_181335](#), [NP\\_851852](#)

UniProt: [Q86XV6](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 433 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

