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Datasheet for ABIN2790172 anti-ARHGAP8 antibody (Middle Region)





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 (ARHGAP8 Products)
Background:	This gene encodes a member of the RHOGAP family. GAP (GTPase-activating) family proteins

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	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 %

Bullel.	
	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

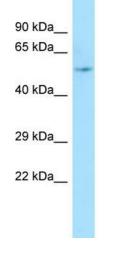
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Handling

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



Host: Rabbit Target Name: ARHGAP8 Sample Tissue: 293T Cell Lysate Antibody Dilution: 1.0µg/ml

Western Blotting

Image 1.

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