

Rabbit RHOG Polyclonal Antibody | anti-RHOG antibody

RHOG antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200999	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Immunohistochemistry, Western Blot

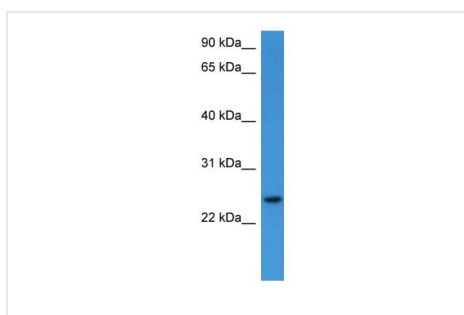
PRODUCT SYNONYMS

RHOG; Polyclonal Antibody; RHOG antibody - C-terminal region; anti-RHOG antibody

PRODUCT SPECIFICATIONS

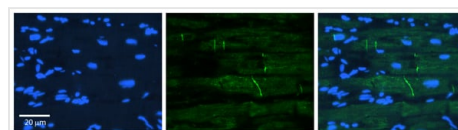
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LV GTKKDLRAQP DTLRLKEQG QAPITPQQGQ ALAKQIHAVR YLECSALQ
Sequence Length	191
Applicable Applications for anti-RHOG antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 83%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human RHOG
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-RHOG Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:312500
 Positive Control: Jurkat cell lysate
 RHOG is supported by BioGPS gene expression data to be expressed in Jurkat



IHC (Immunohistochemistry)

Rabbit Anti-RHOG Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human heart
 Tissue
 Observed Staining: Plasma membrane in intercalated disk
 Primary Antibody Concentration: N/A
 Other Working Concentrations: 1:600
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-RHOG antibody	This is a rabbit polyclonal antibody against RHOG. It was validated on Western Blot Target Description: RHOG is a member of the RAS superfamily of genes, which encode GTP-binding proteins that act in the pathway of signal transduction and play a key role in the regulation of cellular functions
Product Categories/Family for anti-RHOG antibody	Polyclonal; Transcription Regulation; Developmental Biology; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	46249393
NCBI GeneID	391
NCBI Accession #	NP_001656
NCBI GenBank Nucleotide #	NM_001665
UniProt Accession #	P84095
Molecular Weight	21kDa
NCBI Official Full Name	rho-related GTP-binding protein RhoG
NCBI Official Synonym Full Names	ras homolog family member G
NCBI Official Symbol	RHOG
NCBI Official Synonym Symbols	ARHG
NCBI Protein Information	rho-related GTP-binding protein RhoG
UniProt Protein Name	Rho-related GTP-binding protein RhoG
UniProt Gene Name	RHOG
UniProt Synonym Gene Names	ARHG
UniProt Entry Name	RHOG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/rhog-antibody-immunohistochemistry-western-blot-elisa/200999>