

Rabbit RALA Polyclonal Antibody | anti-RALA antibody

RALA antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200636	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

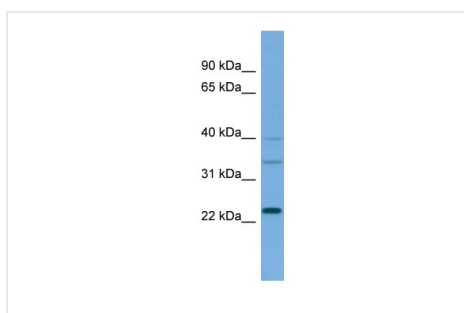
PRODUCT SYNONYMS

RALA; Polyclonal Antibody; RALA antibody - middle region; anti-RALA antibody

PRODUCT SPECIFICATIONS

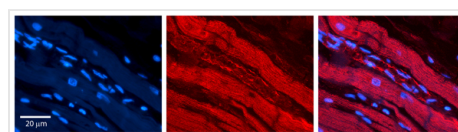
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GQ EDYAAIRDNY FRS GEGFLCV FSITEMESFA ATADFREQIL RVKEDENV
Sequence Length	206
Applicable Applications for anti-RALA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 86%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RALA
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-RALA Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:1562500
 Positive Control: MCF7 cell lysate
 RALA is supported by BioGPS gene expression data to be expressed in MCF7



IHC (Immunohistochemistry)

Rabbit Anti-RALA Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human heart
 Tissue Observed Staining: Cytoplasmic in endothelial cells in blood vessels, plasma membrane in cardiomyocytes
 Primary Antibody Concentration: 1:100
 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-RALA antibody	This is a rabbit polyclonal antibody against RALA. It was validated on Western Blot Target Description: The product of this gene belongs to the small GTPase superfamily, Ras family of proteins. GTP-binding proteins mediate the transmembrane signaling initiated by the occupancy of certain cell surface receptors. This gene encodes a low molecular mass ras-like GTP-binding protein that shares about 50% similarity with other ras proteins.
Product Categories/Family for anti-RALA antibody	Polyclonal ; Signal Proteins ; Cell Biology ; Pathways In Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	33946329
NCBI GeneID	5898
NCBI Accession #	NP_005393
NCBI GenBank Nucleotide #	NM_005402
UniProt Accession #	P11233
Molecular Weight	23kDa
NCBI Official Full Name	ras-related protein Ral-A
NCBI Official Synonym Full Names	RAS like proto-oncogene A
NCBI Official Symbol	RALA
NCBI Official Synonym Symbols	RAL
NCBI Protein Information	ras-related protein Ral-A
UniProt Protein Name	Ras-related protein Ral-A
UniProt Gene Name	RALA
UniProt Synonym Gene Names	RAL
UniProt Entry Name	RALA_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://stage.aaabiotech.com/polyclonal/rala-antibody-immunohistochemistry-western-blot-elisa/200636>