

Datasheet for ABIN2786813
anti-rala antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RALA
Sequence:	GQEDYAAIRD NYFRSGEGFL CVFSITEMES FAATADFREQ ILRVKEDENV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 86%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against RALA. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	rala
Alternative Name:	RALA (rala Products)

Target Details

Background:	<p>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.</p> <p>Alias Symbols: MGC48949, RAL</p> <p>Protein Interaction Partner: UBC, EXOC2, PIH1D2, RAB34, LSM2, USP33, SMAD4, MSLN, LAMTOR3, NONO, NDUFS6, MYH10, MYH9, MPV17, ILF3, MARCKSL1, MYO1G, FAM3C, ELAVL1, PLCD1, CALM1, PPP2R1B, PPP2CA, EXOC6B, EXOC7, EXOC4, RGL4, RALGPS1, RAB8B, YBX3, EXOC8, EXOC3, REPS1, RALBP1, EXOC1, EXOC</p> <p>Protein Size: 206</p>
Molecular Weight:	23 kDa
Gene ID:	5898
NCBI Accession:	NM_005402 , NP_005393
UniProt:	P11233
Pathways:	Neurotrophin Signaling Pathway , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 206 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.

Handling

Storage:	-20 °C
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



Western Blotting

Image 1. WB Suggested Anti-RALA Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:1562500

Positive Control: MCF7 cell lysate

Western Blotting

Image 2. WB Suggested Anti-RALA

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500

Positive Control: MCF7 cell lysate

RALA is supported by BioGPS gene expression data to be expressed in MCF7