

Datasheet for ABIN2773937

anti-RABGGTA antibody (N-Term)**2** Images**2** Publications[Go to Product page](#)

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human RABGGTA
Sequence:	ELAFTDSLIT RNFSNYSSWH YRSCLLPQLH PQPDSGPQGR LPEDVLLKEL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against RABGGTA. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	RABGGTA
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Target Details

Alternative Name:	RABGGTA (RABGGTA Products)
Background:	<p>RABGGTA belongs to the protein prenyltransferase subunit alpha family and contains 6 PFTA repeats. RABGGTA catalyzes the transfer of a geranyl-geranyl moiety from geranyl-geranyl pyrophosphate to both cysteines in Rab proteins with an -XXCC, -XCXC and -CCXX C-terminal, such as RAB1A, RAB3A and RAB5A respectively.</p> <p>Alias Symbols: PTAR3</p> <p>Protein Interaction Partner: UBC, UBA2, VBP1, SSB, PFDN2, RBMXL2, BMPR2, RAB1A,</p> <p>Protein Size: 567</p>
Molecular Weight:	65 kDa
Gene ID:	5875
NCBI Accession:	NM_182836 , NP_878256
UniProt:	Q92696

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 567 AA
Restrictions:	For Research Use only

Handling

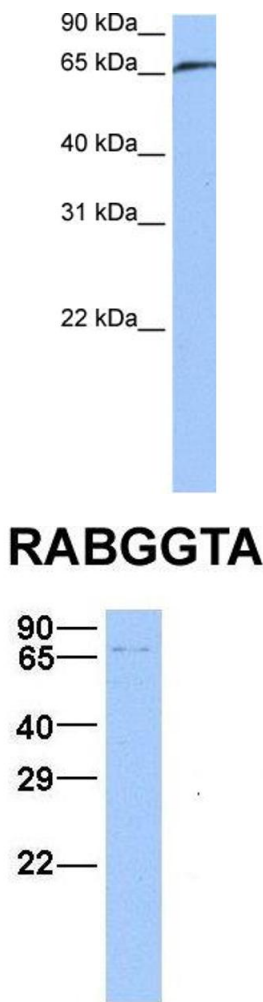
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
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.

Publications

Product cited in: Arora, Syed, Machhadieh, McKenna, Kowluru: "Rab-geranylgeranyl transferase regulates glucose-stimulated insulin secretion from pancreatic β cells." in: **Islets**, Vol. 4, Issue 5, pp. 354-8, (2012) ([PubMed](#)).

Lachance, Cartier, Génier, Munger, Germain, Labrecque, Parent: "Regulation of β 2-adrenergic receptor maturation and anterograde trafficking by an interaction with Rab geranylgeranyltransferase: modulation of Rab geranylgeranylation by the receptor." in: **The Journal of biological chemistry**, Vol. 286, Issue 47, pp. 40802-13, (2011) ([PubMed](#)).

Images



Western Blotting

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

Western Blotting

Image 2. Host: Rabbit Target Name: RABGGTA Sample Type: Hela Antibody Dilution: 1.0ug/ml RABGGTA is supported by BioGPS gene expression data to be expressed in HeLa