

ARG45635 anti-RAPH1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes RAPH1
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RAPH1
Species	Human
Immunogen	Recombinant protein containing to human RAPH1.
Conjugation	Un-conjugated
Alternate Names	RAPH1; Ras Association (RalGDS/AF-6) And Pleckstrin Homology Domains 1; KIAA1681; ALS2CR18; ALS2CR9; Amyotrophic Lateral Sclerosis 2 (Juvenile) Chromosome Region, Candidate 18; Amyotrophic Lateral Sclerosis 2 (Juvenile) Chromosome Region, Candidate 9; Ras-Associated And Pleckstrin Homology Domains-Containing Protein 1; Proline-Rich EVH1 Ligand 2; Lamellipodin; PREL-2; PREL2; RMO1; LPD; Amyotrophic Lateral Sclerosis 2 Chromosomal Region Candidate Gene 18 Protein; Amyotrophic Lateral Sclerosis 2 Chromosomal Region Candidate Gene 9 Protein; Protein RMO1; RalGDS/AF-6

Application Instructions

Application table	Application	Dilution
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

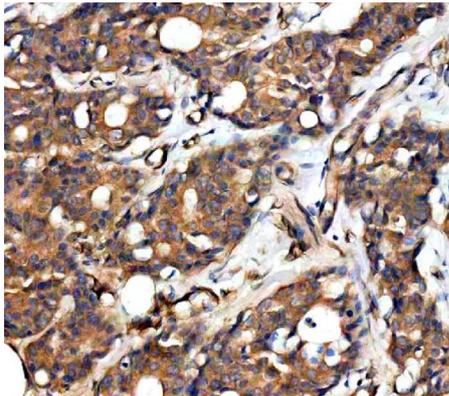
Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

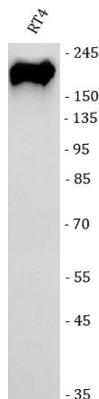
Gene Symbol	RAPH1
Gene Full Name	Ras Association (RalGDS/AF-6) And Pleckstrin Homology Domains 1
Background	This gene encodes a protein that belongs to the Mig10/Rap1-interacting adaptor molecule/Lamellipodin family of adapter proteins, which function in cell migration. Members of this family contain pleckstrin-homology domains, Ras-association domains, and proline-rich C-termini. The protein encoded by this gene regulates actin dynamics through interaction with Ena/Vasodilator proteins as well as direct binding to filamentous actin to regulate actin network assembly. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2016]
Function	Mediator of localized membrane signals. Implicated in the regulation of lamellipodial dynamics. Negatively regulates cell adhesion. [UniProt]
Calculated Mw	135 kDa
PTM	Acetylation; Phosphoprotein
Cellular Localization	Cell membrane; Cell projection; Cytoplasm; Cytoskeleton; Membrane. [UniProt]

Images



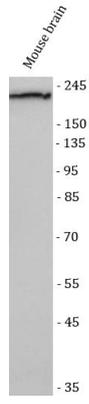
ARG45635 anti-RAPH1 antibody IHC-P image

Immunohistochemistry: Human breast cancer stained with ARG45635 anti-RAPH1 antibody at 2 µg/ml dilution.



ARG45635 anti-RAPH1 antibody WB image

Western blot: RT4 stained with ARG45635 anti-RAPH1 antibody at 0.5 µg/ml dilution.



ARG45635 anti-RAPH1 antibody WB image

Western blot: Mouse brain stained with ARG45635 anti-RAPH1 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.