

Anti-RAPH1 antibody



Description	Unconjugated Rabbit polyclonal to RAPH1
Model	STJ191260
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human RAPH1 protein.
Immunogen Region	370-450aa
Gene ID	65059
Gene Symbol	RAPH1
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	RAPH1 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Isoform RMO1-RAPH1 is ubiquitously expressed with highest levels in brain, heart, ovary and developing embryo. Isoform RMO1 is widely expressed with highest levels in liver. Low expression in B-cells.
Purification	RAPH1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Ras-associated and pleckstrin homology domains-containing protein 1 RAPH1 Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 18 protein Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 9 protein Lame

Molecular Weight	137 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:144360MIM:609035
Alternative Names	Ras-associated and pleckstrin homology domains-containing protein 1 RAPH1 Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 18 protein Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 9 protein Lam
Function	Mediator of localized membrane signals. Implicated in the regulation of lamellipodial dynamics. Negatively regulates cell adhesion.
Cellular Localization	Cell membrane Cell projection, lamellipodium Cell projection, filopodium Cytoplasm, cytoskeleton. Recruited to the membrane, via the PH domain, by the phosphoinositide, PI(3,4)P2. Colocalizes with ENAH/VASP at the tips of lamellipodia and filopodia. Also colocalizes with the pathogens, Vaccinia and Enteropathogenic E.coli (EPEC) at the interface between the pathogen and their actin.

St John's Laboratory Ltd

F +44 (0)207 681 2580
T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>
E info@stjohnslabs.com