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KIAA1468 Rabbit pAb

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Catalog # AP56511

Product Information

Application	WB
Primary Accession	Q9P260
Reactivity	Human
Predicted	Rat, Pig, Dog, Mouse, Chicken, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	134630
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KIAA1468
Epitope Specificity	1121-1216/1216
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Encoding over 300 genes, chromosome 18 contains about 76 million bases. Trisomy 18, or Edwards syndrome, is the second most common trisomy after Downs syndrome. Symptoms of Edwards syndrome include low birth weight, a variety of physical development defects, heart deformations and breathing difficulty. Translocation between chromosome 18 and 14 is the most common translocation in cancers, and occurs in follicular lymphomas. Niemann-Pick disease, hereditary hemorrhagic telangiectasia and erythropoietic protoporphyria are associated with chromosome 18. The TGFβ modulators, Smad2, Smad4 and Smad7 are encoded by chromosome 18. The KIAA1468 gene product has been provisionally designated KIAA1468 pending further characterization.

Additional Information

Gene ID	57614
Other Names	RAB11-binding protein RELCH, LisH domain and HEAT repeat-containing protein KIAA1468, RAB11 binding and LisH domain, coiled-coil and HEAT repeat-containing {ECO:0000312|HGNC:HGNC:29289}, RAB11-binding protein containing LisH, coiled-coil, and HEAT repeats, RELCH {ECO:0000303|PubMed:29514919, ECO:0000312|HGNC:HGNC:29289}
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

Protein Information

Name	RELCH {ECO:0000303|PubMed:29514919, ECO:0000312|HGNC:HGNC:29289}
Function	Regulates intracellular cholesterol distribution from recycling endosomes to the trans-Golgi network through interactions with RAB11 and OSBP (PubMed:29514919). Functions in membrane tethering and promotes OSBP-mediated cholesterol transfer between RAB11-bound recycling endosomes and OSBP-bound Golgi-like membranes (PubMed:29514919).
Cellular Location	Recycling endosome. Golgi apparatus, trans-Golgi network Note=Translocated to the trans-Golgi network area in an OSBP-dependent manner (PubMed:29514919). Colocalizes with RAB11A in recycling endosomes (By similarity). Found in a complex composed of RELCH, OSBP1 and RAB11A (By similarity). {ECO:0000250|UniProtKB:Q148V7, ECO:0000269|PubMed:29514919}

Background

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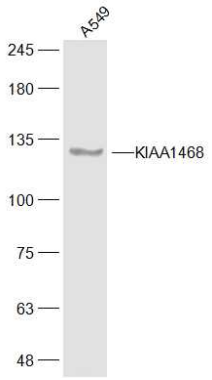
Images



Sample:
A549(Human) Cell Lysate at 30 ug
Primary: Anti-KIAA1468 (AP56511) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 134 kD
Observed band size: 134 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.