

Rabbit p40 Polyclonal Antibody | anti-RABEPK antibody

p40 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329179	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Chicken(100%)	ELISA

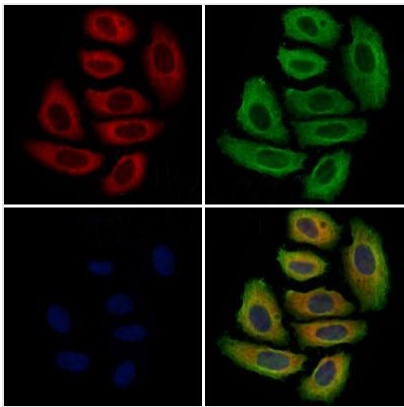
PRODUCT SYNONYMS

p40; Polyclonal Antibody; p40 Antibody; 40 kDa Rab9 effector protein; 8430412M01Rik; 9530020d24rik; AV073337; bA65N13.1; C87311; DKFZp686P1077; OTTHUMP00000022126; OTTMUSP00000012898; OTTMUSP00000012899; OTTMUSP00000041318; RAB9 effector p40; Rab9 effector protein with Kelch motifs; RAB9p40; RABEK_HUMAN; RABEPK; RABEPK protein; RGD1310612; RP11 65N13.1; RP23-446N16.2; anti-RABEPK antibody

PRODUCT SPECIFICATIONS

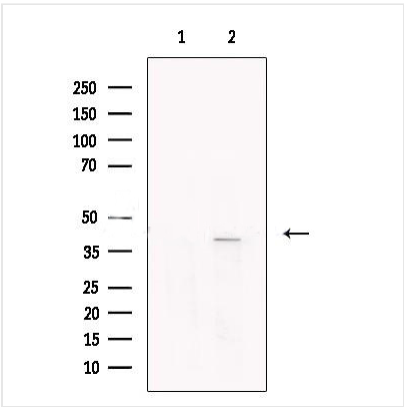
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Chicken(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	p40 Antibody detects endogenous levels of total p40.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	372
Applicable Applications for anti-RABEPK antibody	ELISA
Immunogen	A synthesized peptide derived from human p40, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA329179 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329179 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using p40 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-RABEPK antibody	Function: Rab9 effector required for endosome to trans-Golgi network (TGN) transport.
	Post Translational Modifications: Phosphorylated on Ser residues most probably by PIP5K3.
	Subcellular Location: Cytoplasm. Endosome membrane. Note: Interaction with PIP5K3 and subsequent phosphorylation recruits it to the endosomal membrane.
	Subunit Structure: Interacts with PIP5K3. Interacts with RAB9 in its GTP-bound conformation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	74750172
NCBI GeneID	10244
UniProt Accession #	Q7Z6M1
Molecular Weight	Observed Molecular Weight: (Observed)40kD. Predicted Molecular Weight: (Calculated)41kDa.
NCBI Official Full Name	Rab9 effector protein with kelch motifs
NCBI Official Synonym Full Names	Rab9 effector protein with kelch motifs
NCBI Official Symbol	RABEPK
NCBI Official Synonym Symbols	p40; RAB9P40; bA65N13.1
NCBI Protein Information	rab9 effector protein with kelch motifs
UniProt Protein Name	Rab9 effector protein with kelch motifs
UniProt Gene Name	RABEPK
UniProt Synonym Gene Names	RAB9P40
UniProt Entry Name	RABEK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/p40-antibody-elisa/329179>