

Rabbit RAB8A Polyclonal Antibody | anti-RAB8A antibody

RAB8A antibody - middle region

CATALOG # AAA201724	HOST Rabbit	REACTIVITY Cow, Dog, Human, Mouse, Pig, Rat, Sheep, Zebrafish	APPLICATIONS Western Blot
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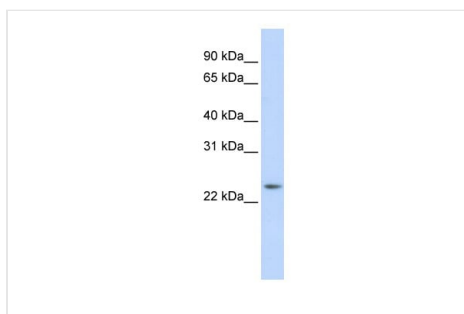
PRODUCT SYNONYMS

RAB8A; Polyclonal Antibody; RAB8A antibody - middle region; anti-RAB8A antibody

PRODUCT SPECIFICATIONS

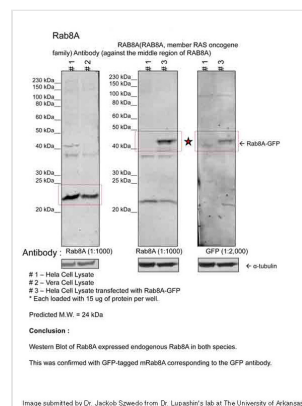
Host	Rabbit
Reactivity	Cow, Dog, Human, Mouse, Pig, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GIKFMETSAKAN INVENAFFTL ARDIKAKMDK KLEGNSPQGS NQGVKITP
Sequence Length	207
Applicable Applications for anti-RAB8A antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Human: 100%; Mouse: 85%; Pig: 100%; Rat: 85%; Sheep: 100%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RAB8A
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



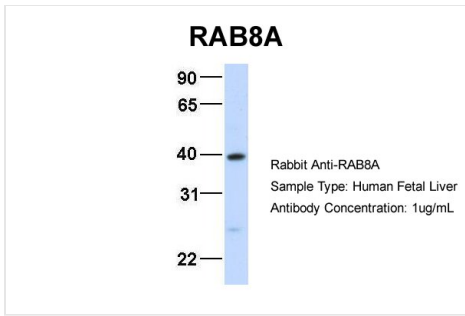
WB (Western Blot)

WB Suggested Anti-RAB8A Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:62500
 Positive Control: 721_B cell lysate
 RAB8A is supported by BioGPS gene expression data to be expressed in 721_B



WB (Western Blot)

RAB8A antibody - middle region validated by WB using 1. Human Cervical Cancer Cell Lysate (15ug) 2. Monkey Fibroblast Cell Lysate (15ug) 3. Human Cervical Cancer Cell transfected with mouse Rab8A-GFP (15ug) at 1:1000.



WB (Western Blot)
Host: RabbitTarget Name: RAB8ASample Type: Human Fetal LiverAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-RAB8A antibody	This is a rabbit polyclonal antibody against RAB8A. It was validated on Western Blot using a cell lysate as a positive control. Target Description: RAB8A is a member of the RAS superfamily which are small GTP/GDP-binding proteins with an average size of 200 amino acids. The RAS-related proteins of the RAB/YPT family may play a role in the transport of proteins from the endoplasmic reticulum to the Golgi and the plasma membrane. The putative effector-binding site of this protein is similar to that of the RAB/YPT proteins. However, this protein contains a C-terminal CAAX motif that is characteristic of many RAS superfamily members but which is not found in YPT1 and the majority of RAB proteins. Although this gene was isolated as a transforming gene from a melanoma cell line, no linkage between MEL and malignant melanoma has been demonstrable. The protein encoded by this gene is a member of the RAS superfamily which are small GTP/GDP-binding proteins with an average size of 200 amino acids. The RAS-related proteins of the RAB/YPT family may play a role in the transport of proteins from the endoplasmic reticulum to the Golgi and the plasma membrane. This protein shares 97%, 96%, and 51% similarity with the dog RAB8, mouse MEL, and mouse YPT1 proteins, respectively and contains the 4 GTP/GDP-binding sites that are present in all the RAS proteins. The putative effector-binding site of this protein is similar to that of the RAB/YPT proteins. However, this protein contains a C-terminal CAAX motif that is characteristic of many RAS superfamily members but which is not found in YPT1 and the majority of RAB proteins. Although this gene was isolated as a transforming gene from a melanoma cell line, no linkage between MEL and malignant melanoma has been demonstrable. This oncogene is located 800 kb distal to MY09B on chromosome 19p13.1. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-RAB8A antibody	Polyclonal; Lymphocyte Signaling; Disease Related; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	16933567
NCBI GeneID	4218
NCBI Accession #	NP_005361
NCBI GenBank Nucleotide #	NM_005370
UniProt Accession #	P61006
Molecular Weight	24kDa
NCBI Official Full Name	ras-related protein Rab-8A
NCBI Official Synonym Full Names	RAB8A, member RAS oncogene family
NCBI Official Symbol	RAB8A
NCBI Official Synonym Symbols	MEL; RAB8
NCBI Protein Information	ras-related protein Rab-8A

UniProt Protein Name	Ras-related protein Rab-8A
UniProt Gene Name	RAB8A
UniProt Synonym Gene Names	MEL; RAB8
UniProt Entry Name	RAB8A_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/rab8a-antibody-western-blot-elisa/201724>