

Rabbit RAP2B Polyclonal Antibody | anti-RAP2B antibody

RAP2B Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284639	Rabbit	Human (Predicted Reactivity: Pig, Mouse, Rat)	ELISA, Western Blot

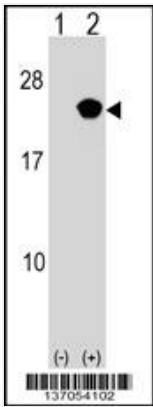
PRODUCT SYNONYMS

RAP2B; Polyclonal Antibody; RAP2B Antibody (Center); Ras-related protein Rap-2b; anti-RAP2B antibody

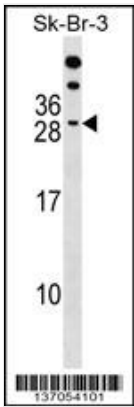
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Pig, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RAP2B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 102-129 amino acids from the Central region of human RAP2B.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	102-129
Sequence Length	183
Applicable Applications for anti-RAP2B antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of RAP2B (arrow) using rabbit polyclonal RAP2B Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the RAP2B gene.



WB (Western Blot)
RAP2B Antibody (Center) western blot analysis in SK-BR-3 cell line lysates (35ug/lane). This demonstrates the RAP2B antibody detected the RAP2B protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RAP2B antibody	This intronless gene belongs to a family of RAS-related genes. The proteins encoded by these genes share approximately 50% amino acid identity with the classical RAS proteins and have numerous structural features in common. The most striking difference between the RAP and RAS proteins resides in their 61st amino acid: glutamine in RAS is replaced by threonine in RAP proteins. Evidence suggests that this protein may be polyisoprenylated and palmitoylated.
Product Categories/Family for anti-RAP2B antibody	Signal Transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Martins-de-Souza, D., et al. J Psychiatr Res (2010) In press : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Canobbio, I., et al. Cell. Signal. 20(9):1662-1670(2008) Liu, Y., et al. Lung Cancer 56(3):307-317(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	38201690
NCBI GeneID	5912
NCBI Accession #	NP_002877.2
NCBI GenBank Nucleotide #	NM_002886.3
UniProt Accession #	P61225; P17964; Q96EG5; Q9CXG0
Molecular Weight	20504
NCBI Official Full Name	ras-related protein Rap-2b
NCBI Official Synonym Full Names	RAP2B, member of RAS oncogene family
NCBI Official Symbol	RAP2B
NCBI Protein Information	ras-related protein Rap-2b
UniProt Protein Name	Ras-related protein Rap-2b
UniProt Gene Name	RAP2B

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/rap2b-antibody-western-blot-elisa/284639>