

Rabbit anti-Human, mouse REPS2 Polyclonal Antibody | anti-REPS2 antibody

REPS2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288706	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

REPS2; Polyclonal Antibody; REPS2 Antibody (N-term); RalBP1-associated Eps domain-containing protein 2; Partner of RalBP1; RalBP1-interacting protein 2; POB1; anti-REPS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This REPS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 153-182 amino acids from the N-terminal region of human REPS2.
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: 0.35 (varies by lot)
Sequence Positions	153-182
Sequence Length	659
Applicable Applications for anti-REPS2 antibody	IHC (Immunohistochemistry), 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



IHC (Immunohistochemistry)

REPS2 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of REPS2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

REPS2 Antibody (N-term) western blot analysis in mouse brain tissue lysates (35ug/lane). This demonstrates the REPS2 antibody detected the REPS2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-REPS2 antibody	The product of this gene is part of a protein complex that regulates the endocytosis of growth factor receptors. The encoded protein directly interacts with a GTPase activating protein that functions downstream of the small G protein Ral. Its expression can negatively affect receptor internalization and inhibit growth factor signaling. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-REPS2 antibody	Cancer; Signal Transduction
References	Doolan, P., et al. Tumour Biol. 30(4):200-209(2009) Singhal, S.S., et al. J. Biol. Chem. 283(28):19714-19729(2008) Yadav, S., et al. Biochem. Biophys. Res. Commun. 328(4):1003-1009(2005) Oosterhoff, J.K., et al. Int. J. Cancer 113(4):561-567(2005) Penninkhof, F., et al. Oncogene 23(33):5607-5615(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	125625322
NCBI GeneID	9185
NCBI Accession #	NP_001074444.1; NP_004717.2
NCBI GenBank Nucleotide #	NM_001080975.1
UniProt Accession #	Q8NFH8; O43428; Q5JNZ8; Q8NFI5; A6PWZ6
Molecular Weight	71534
NCBI Official Full Name	ralBP1-associated Eps domain-containing protein 2 isoform 2
NCBI Official Synonym Full Names	RALBP1 associated Eps domain containing 2
NCBI Official Symbol	REPS2
NCBI Official Synonym Symbols	POB1
NCBI Protein Information	ralBP1-associated Eps domain-containing protein 2
UniProt Protein Name	RalBP1-associated Eps domain-containing protein 2
UniProt Gene Name	REPS2
UniProt Synonym Gene Names	POB1
UniProt Entry Name	REPS2_HUMAN

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