

Rabbit anti-Human RPTOR Polyclonal Antibody | anti-RPTOR antibody

RPTOR Antibody

CATALOG # AAA309398	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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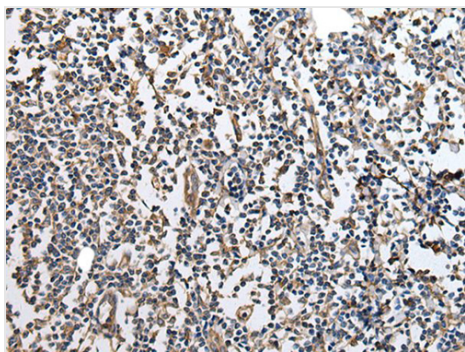
PRODUCT SYNONYMS

RPTOR; Polyclonal Antibody; RPTOR Antibody; KOG1; Mip1; anti-RPTOR antibody

PRODUCT SPECIFICATIONS

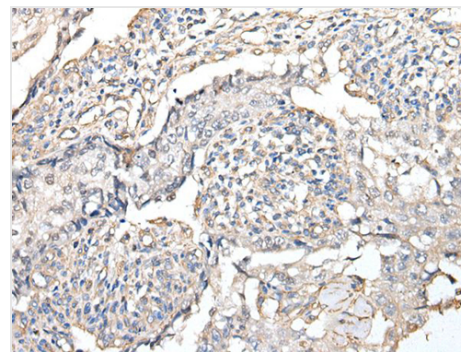
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total RPTOR protein.
Purity/Purification	Antigen affinity purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.7mg/ml (varies by lot)
Sequence Length	1177
Applicable Applications for anti-RPTOR antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human RPTOR
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using RPTOR Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using RPTOR Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)

ADDITIONAL INFORMATION

Related Product Information for anti-RPTOR antibody	This gene encodes a component of a signaling pathway that regulates cell growth in response to nutrient and insulin levels. The encoded protein forms a stoichiometric complex with the mTOR kinase, and also associates with eukaryotic initiation factor 4E-binding protein-1 and ribosomal protein S6 kinase. The protein positively regulates the downstream effector ribosomal protein S6 kinase, and negatively regulates the mTOR kinase. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-RPTOR antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	251823858
NCBI GeneID	57521
NCBI Accession #	NP_001156506.1
NCBI GenBank Nucleotide #	NM_001163034.1
UniProt Accession #	Q8N122; Q8N4V9; Q8TB32; Q9P2P3; B2RN36; C6KEF2; F5H7J5
Molecular Weight	131,515 Da
NCBI Official Full Name	regulatory-associated protein of mTOR isoform 2
NCBI Official Synonym Full Names	regulatory associated protein of MTOR complex 1
NCBI Official Symbol	RPTOR
NCBI Official Synonym Symbols	KOG1; Mip1
NCBI Protein Information	regulatory-associated protein of mTOR
UniProt Protein Name	Regulatory-associated protein of mTOR
UniProt Gene Name	RPTOR
UniProt Synonym Gene Names	KIAA1303; RAPTOR; Raptor
UniProt Entry Name	RPTOR_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/rptor-antibody-immunohistochemistry-elisa/309398>