Rabbit RACK1 Monoclonal Antibody | anti-RACK1 antibody

RACK1 Conjugated Antibody

CATALOG #	HOST	REACTIVITY
AAA312830	**Rabbit**	**Human, Mouse, Rat**

PRODUCT SYNONYMS

RACK1; Monoclonal Antibody; RACK1 Conjugated Antibody; Cell proliferation-inducing gene 21 protein antibody; GBLP_HUMAN antibody; Gnb2-rs1 antibody; Gnb2l1 antibody; Guanine nucleotide binding protein (G protein) beta polypeptide 2 like 1 antibody; Guanine nucleotide binding protein beta polypeptide 2 like 1 antibody; Guanine nucleotide binding protein beta subunit 2 like 1 antibody; Guanine nucleotide binding protein beta subunit like protein 12.3 antibody; Guanine nucleotide binding protein subunit beta 2 like 1 antibody; Guanine nucleotide binding protein subunit beta like protein 12.3 antibody; Guanine nucleotide-binding protein subunit beta-2-like 1 antibody; Guanine nucleotide-binding protein subunit beta-like protein 12.3 antibody; H12.3 antibody; HLC-7 antibody; Human lung cancer oncogene 7 protein antibody; lung cancer oncogene 7 antibody; OTTHUMP00000223704 antibody; OTTHUMP00000223870 antibody; OTTHUMP00000223891 antibody; OTTHUMP00000223893 antibody; OTTHUMP00000223900 antibody; OTTHUMP00000223902 antibody; OTTHUMP00000223930 antibody; OTTHUMP00000223931 antibody; PIG21 antibody; Proliferation inducing gene 21 antibody; Protein homologous to chicken B complex protein guanine nucleotide binding antibody; RACK1 antibody; Receptor for activated C kinase 1 antibody; Receptor for activated C kinase antibody; Receptor of activated protein kinase C 1 antibody; anti-RACK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein corresponding to C-terminal human RACK1.
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Preparation and Storage	Store at 4 degree C for 6 months.

ADDITIONAL INFORMATION

Related Product Information for anti-RACK1 antibody	Members of the protein kinase C (PKC) family play a key regulatory role in a variety of cellular functions, including cell growth and differentiation, gene expression, hormone secretion and membrane function. Receptor for activated C kinases, termed RACKs, are intracellular receptors for activated PKC that may be involved in the activation-induced translocation of PKC. RACK1 (receptor for activated C kinase 1) is a 317 amino acid G protein b subunit-like protein that functions as a RACK and inhibits the activity of Src tyrosine kinases. In response to PKC activation, the intracellular localization of RACK1 and PKC bII changes, and RACK1 and PKC bII co-localize to the same sites. RACK1 is therefore thought to be a shuttling protein for PKC bII. A deficit in RACK1 may be associated with impaired PKC activation in the aging brain. The RACK1 gene is conserved in chimpanzee, dog, cow, mouse, rat, chicken, zebrafish, fruit fly, mosquito, C.elegans, S.pombe, S.cerevisiae, K.lactis, E.gossypii, M.grisea, N.crassa, A.thaliana, rice and P.falciparum, and maps to human chromosome 5q35.3.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174447
NCBI GeneID	10399

NCBI Accession #	NP_006089.1
NCBI GenBank Nucleotide #	NM_006098.4
UniProt Accession #	P63244; P25388; P99049; Q53HU2; Q5J8M6; Q5VLR4; Q6FH47; B3KTJ0; D3DWS0
Molecular Weight	317
NCBI Official Full Name	guanine nucleotide-binding protein subunit beta-2-like 1
NCBI Official Synonym Full Names	guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1
NCBI Official Symbol	GNB2L1
NCBI Official Synonym Symbols	H12.3; HLC-7; PIG21; RACK1; Gnb2-rs1
NCBI Protein Information	guanine nucleotide-binding protein subunit beta-2-like 1; lung cancer oncogene 7; proliferation-inducing gene 21; receptor for activated C kinase 1; human lung cancer oncogene 7 protein; receptor of activated protein kinase C 1; cell proliferation-inducin
UniProt Protein Name	Guanine nucleotide-binding protein subunit beta-2-like 1
UniProt Gene Name	**GNB2L1**
UniProt Synonym Gene Names	HLC-7; RACK1
UniProt Entry Name	GBLP_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/monoclonal/rack1-antibody-elisa/312830