

Rabbit anti-Human, Mouse RACK1 Polyclonal Antibody | anti-RACK1 antibody

Rabbit anti-RACK1 Antibody, Affinity Purified

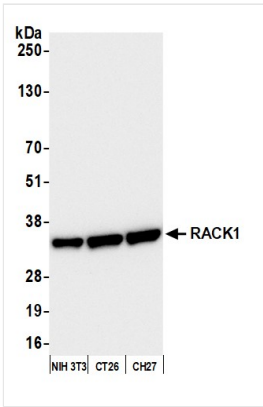
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211917	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

RACK1; Polyclonal Antibody; Rabbit anti-RACK1 Antibody; Affinity Purified; small ribosomal subunit protein RACK1; lung cancer oncogene 7; PIG21; proliferation-inducing gene 21; protein homologous to chicken B complex protein; guanine nucleotide binding; Receptor for activated C kinase; receptor of activated protein kinase C 1; guanine nucleotide-binding protein subunit beta-like protein 12.3; receptor of activated protein C kinase 1; human lung cancer oncogene 7 protein; H12.3; guanine nucleotide-binding protein subunit beta-2-like 1; guanine nucleotide binding protein beta polypeptide 2-like 1; guanine nucleotide binding protein (G protein); beta polypeptide 2-like 1; Gnb2-rs1; GNB2L1; cell proliferation-inducing gene 21 protein; HLC-7; Receptor of activated protein C kinase 1; receptor for activated C kinase 1; anti-RACK1 antibody

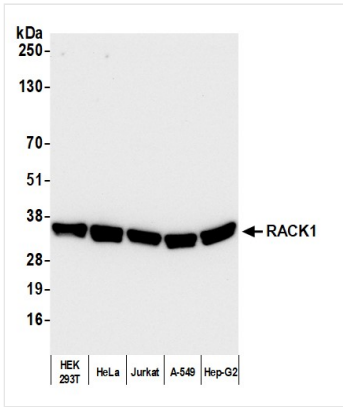
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-RACK1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Chicken, Bovine, Pig
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



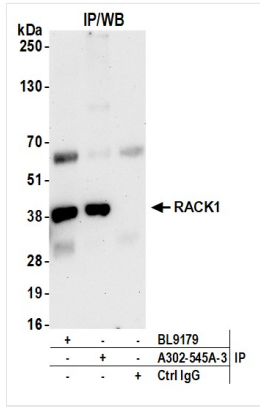
WB (Western Blot)

Detection of mouse RACK1 by western blot. Samples: Whole cell lysate (25 ug) from NIH 3T3, CT26, and CH27 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RACK1 antibody (AAA211917 lot 3) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



WB (Western Blot)

Detection of human RACK1 by western blot. Samples: Whole cell lysate (25 ug) from HEK293T, HeLa, Jurkat, A-549, and Hep-G2 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RACK1 antibody (AAA211917 lot 3) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human RACK1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RACK1 antibody (AAA211917 lot 3) used for IP at 6 ug per reaction. RACK1 was also immunoprecipitated by a second antibody against a different epitope of RACK1 (BL9179). For blotting immunoprecipitated RACK1, AAA211917 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-RACK1 antibody	RACK1 (receptor of activated protein kinase C1) was originally identified as a factor that could bind the activated form of protein kinase C. It contains seven WD40 motifs that interact with various signaling molecules.
Product Categories/Family for anti-RACK1 antibody	Primary Antibodies

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rack1-antibody-immunoprecipitation-western-blot-elisa/211917>