

Rabbit anti-Human RIOK3 Polyclonal Antibody | anti-RIOK3 antibody

Rabbit anti-RIOK3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213344	Rabbit	Human	Immunoprecipitation, Western Blot

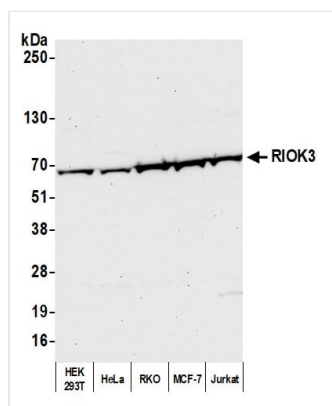
PRODUCT SYNONYMS

RIOK3; Polyclonal Antibody; Rabbit anti-RIOK3 Antibody; Affinity Purified; sudD suppressor of bimD6 homolog; testicular secretory protein Li 47; sudD homolog; sudD suppressor of Aspergillus nidulans bimD6 homolog; SUDD; serine/threonine-protein kinase RIO3; RIO kinase 3; homolog of the Aspergillus nidulans sudD gene product; sudD (suppressor of bimD6; Aspergillus nidulans) homolog; Serine/threonine-protein kinase RIO3; anti-RIOK3 antibody

PRODUCT SPECIFICATIONS

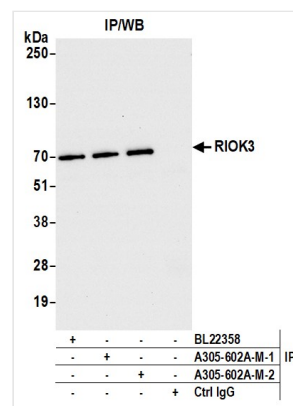
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-RIOK3 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 469 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human RIOK3 by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, HeLa, RKO, MCF-7, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RIOK3 antibody (AAA213344 lot 2) used for WB at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human RIOK3 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RIOK3 antibody (AAA213344 lot 2) used for IP at 2 ug per reaction. RIOK3 was also immunoprecipitated by a previous lot of this antibody (AAA213344 lot 1) and another rabbit anti-RIOK3 antibody (BL22358). For blotting immunoprecipitated RIOK3, AAA213344 was used at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-RIOK3 antibody	RIO kinase 3 (RIOK3) was first identified by the similarity of its product to the Aspergillus nidulans SUDD protein. RIOK3 is now recognized as a member of the right open reading frame (RIO) kinase gene family. RIOK3 a serine/threonine kinase that localizes to the cytoplasm and plays a role in the processing of the pre-40 S ribosomal subunit [taken from NCBI Entrez Gene (Gene ID: 8780)].
Product Categories/Family for anti-RIOK3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	22325377
NCBI GeneID	8780
NCBI Accession #	NP_003822.2
NCBI GenBank Nucleotide #	NM_003831.3
UniProt Accession #	O14730; Q8IXN9
Molecular Weight	58,671 Da
NCBI Official Full Name	serine/threonine-protein kinase RIO3
NCBI Official Synonym Full Names	RIO kinase 3
NCBI Official Symbol	RIOK3
NCBI Official Synonym Symbols	SUDD
NCBI Protein Information	serine/threonine-protein kinase RIO3; sudD homolog; sudD suppressor of bimD6 homolog; homolog of the Aspergillus nidulans sudD gene product; sudD suppressor of Aspergillus nidulans bimD6 homolog; sudD (suppressor of bimD6, Aspergillus nidulans) homolog
UniProt Protein Name	Serine/threonine-protein kinase RIO3
UniProt Gene Name	RIOK3
UniProt Synonym Gene Names	SUDD

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://www.aaabiotech.com/polyclonal/riok3-antibody-immunoprecipitation-western-blot-elisa/213344>