

Rabbit anti-Human TAOK1 Polyclonal Antibody | anti-TAOK1 antibody

Rabbit anti-TAOK1 Antibody, Affinity Purified

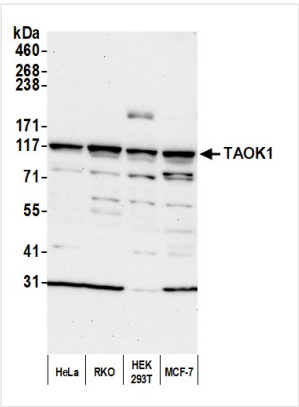
CATALOG # AAA211000	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

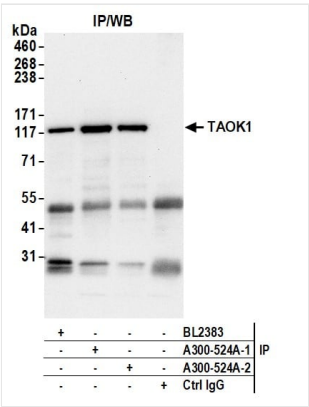
TAOK1; Polyclonal Antibody; Rabbit anti-TAOK1 Antibody; Affinity Purified; STE20-like kinase PSK2; prostate-derived sterile 20-like kinase 2; TAO1; thousand and one amino acid protein kinase 1; serine/threonine-protein kinase TAO1; serine/threonine protein kinase TAO1 homolog; PSK-2; PSK2; thousand and one amino acid protein 1; hKFC-B; prostate-derived STE20-like kinase 2; hTAOK1; KFC-B; kinase from chicken homolog B; MAP3K16; MARK Kinase; MARKK; microtubule affinity regulating kinase kinase; Serine/threonine-protein kinase TAO1; TAO kinase 1; anti-TAOK1 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-TAOK1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse
Immunogen	Between 400 and 450
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human TAOK1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, RKO, HEK293T, and MCF-7 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-TAOK1 antibody (AAA211000 lot 2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)
Detection of human TAOK1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-TAOK1 antibody (AAA211000 lot 2) used for IP at 6 ug per reaction. TAOK1 was also immunoprecipitated by a previous lot of this antibody (AAA211000 lot 1) and a second antibody against a different epitope of TAOK1 (BL2383). For blotting immunoprecipitated TAOK1, AAA211000 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-TAOK1 antibody	TAOK1 is part of the ste20 family of kinases that is able to activate p38 MAP kinase pathway via phosphorylation and activation of upstream MKK3.
Product Categories/Family for anti-TAOK1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	45439370
NCBI GeneID	57551
NCBI Accession #	NP_065842.1
NCBI GenBank Nucleotide #	NM_020791.2
UniProt Accession #	Q7L7X3; Q96L75; Q9H2K7; Q9H7S5; Q9P2I6; A2RUT8; B7ZLV6
Molecular Weight	116,070 Da
NCBI Official Full Name	serine/threonine-protein kinase TAO1 isoform 1
NCBI Official Synonym Full Names	TAO kinase 1
NCBI Official Symbol	TAOK1
NCBI Official Synonym Symbols	PSK2; TAO1; KFC-B; MARKK; PSK-2; hKFC-B; hTAOK1; MAP3K16
NCBI Protein Information	serine/threonine-protein kinase TAO1; MARK Kinase; STE20-like kinase PSK2; kinase from chicken homolog B; prostate-derived STE20-like kinase 2; thousand and one amino acid protein 1; prostate-derived sterile 20-like kinase 2; serine/threonine protein kina
UniProt Protein Name	Serine/threonine-protein kinase TAO1
UniProt Gene Name	TAOK1
UniProt Synonym Gene Names	KIAA1361; MAP3K16; MARKK; hKFC-B; MARKK; PSK-2; PSK2; Prostate-derived STE20-like kinase 2; TAOK1; hTAOK1
UniProt Entry Name	TAOK1_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/taok1-antibody-immunoprecipitation-western-blot-elisa/211000>