

Rabbit anti-Human TLK2 Polyclonal Antibody | anti-TLK2 antibody

Rabbit anti-TLK2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211384	Rabbit	Human	Immunoprecipitation, Western Blot

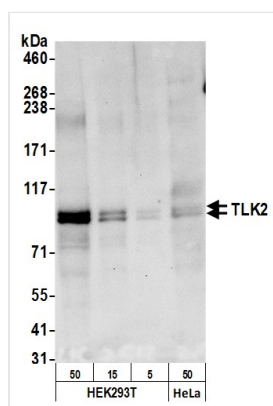
PRODUCT SYNONYMS

TLK2; Polyclonal Antibody; Rabbit anti-TLK2 Antibody; Affinity Purified; PKU-ALPHA; serine/threonine-protein kinase tousled-like 2; MRD57; HsHPK; Tousled-like kinase 2; Serine/threonine-protein kinase tousled-like 2; tousled like kinase 2; anti-TLK2 antibody

PRODUCT SPECIFICATIONS

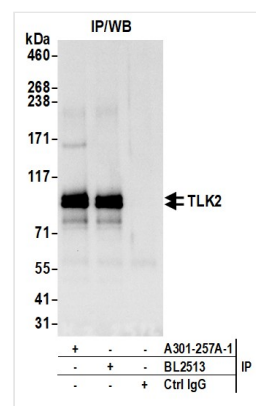
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-TLK2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse
Immunogen	Between 722 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 TLK2 by western blot. Samples: Whole cell lysate from HEK293T (50, 15 and 5 ug) and HeLa (50 ug) cells. Antibody: Affinity purified rabbit anti-TLK2 antibody (AAA211384 lot 1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human TLK2 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-TLK2 antibody (AAA211384 lot 1) used for IP at 6 ug per reaction. TLK2 was also immunoprecipitated by a second antibody against a different epitope of TLK2 (BL2513). For blotting immunoprecipitated TLK2, AAA211384 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-TLK2 antibody	Tousled-like kinase 2 (TLK2) is a serine/threonine kinase involved in chromatin assembly and the DNA damage response. The tousled (Tsl) kinase was first identified in Arabidopsis thaliana and speculated to be involved in cell division during patterning of plant organs. There are two tousled-like kinases in humans, TLK1 and TLK2, that can dimerize or heterodimerize for function and can be phosphorylated and inactivated by Chk1 in response to DNA damage. The chromatin assembly factor, Asf1 (anti-silencing function 1), has been reported as a substrate for both TLK1 and TLK2.
Product Categories/Family for anti-TLK2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	11011
UniProt Accession #	Q86UE8
UniProt Protein Name	Serine/threonine-protein kinase tousled-like 2
UniProt Gene Name	TLK2
UniProt Entry Name	TLK2_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/tlk2-antibody-immunoprecipitation-western-blot-elisa/211384>