

Rabbit anti-Human, Mouse KLHL42 Polyclonal Antibody | anti-KLHL42 antibody

Rabbit anti-KLHL42 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213369	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

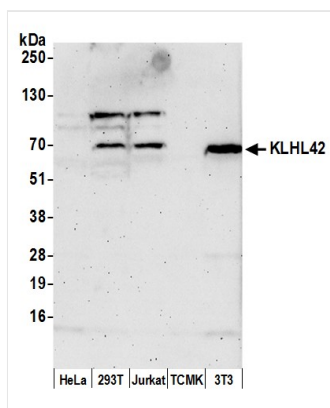
PRODUCT SYNONYMS

KLHL42; Polyclonal Antibody; Rabbit anti-KLHL42 Antibody; Affinity Purified; kelch domain-containing protein 5; kelch domain containing 5; KLHDC5; Ctb9; cullin-3-binding protein 9; kelch-like protein 42; Kelch-like protein 42; kelch like family member 42; anti-KLHL42 antibody

PRODUCT SPECIFICATIONS

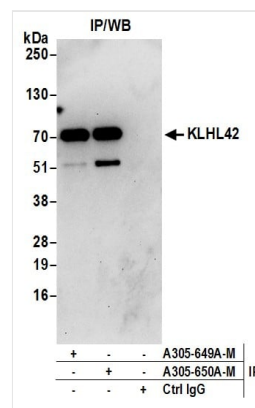
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-KLHL42 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 400 and 450
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 and mouse KLHL42 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-KLHL42 antibody (AAA213369 lot 1) used for WB at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human KLHL42 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-KLHL42 antibody (AAA213369 lot 1) used for IP at 2 ug per reaction. KLHL42 was also immunoprecipitated by rabbit anti-KLHL42 antibody. For blotting immunoprecipitated KLHL42, AAA213369 was used at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-KLHL42 antibody	Kelch-like protein 42 (KLHL42) is a substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex required for mitotic progression and cytokinesis. The BCR(KLHL42) E3 ubiquitin ligase complex mediates the ubiquitination and subsequent degradation of KATNA1. Involved in microtubule dynamics throughout mitosis [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9P2K6].
Product Categories/Family for anti-KLHL42 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	55749726
NCBI GeneID	57542
NCBI Accession #	NP_065833.1
NCBI GenBank Nucleotide #	NM_020782.1
UniProt Accession #	Q9P2K6; Q2VPK1; Q8N334
Molecular Weight	56,868 Da
NCBI Official Full Name	kelch-like protein 42
NCBI Official Synonym Full Names	kelch-like family member 42
NCBI Official Symbol	KLHL42
NCBI Official Synonym Symbols	Ctb9; KLHDC5
NCBI Protein Information	kelch-like protein 42; kelch domain containing 5; cullin-3-binding protein 9; kelch-like family, member 42; kelch domain-containing protein 5
UniProt Protein Name	Kelch-like protein 42
UniProt Gene Name	KLHL42
UniProt Synonym Gene Names	KIAA1340; KLHDC5; Ctb9
UniProt Entry Name	KLH42_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/polyclonal/klhl42-antibody-immunoprecipitation-western-blot-elisa/213369>