

Rabbit KLHL12 Polyclonal Antibody | anti-KLHL12 antibody

KLHL12 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283741	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Zebrafish, Rat, Xenopus)	ELISA, Western Blot

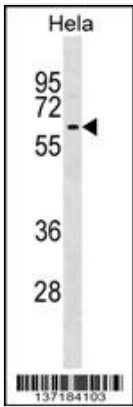
PRODUCT SYNONYMS

KLHL12; Polyclonal Antibody; KLHL12 Antibody (C-term); Kelch-like protein 12; CUL3-interacting protein 1; DKIR homolog; hDKIR; C3IP1; anti-KLHL12 antibody

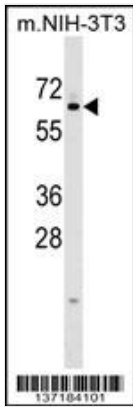
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Zebrafish, Rat, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KLHL12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 376-404 amino acids from the C-terminal region of human KLHL12.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.41 (varies by lot)
Sequence Positions	376-404
Sequence Length	568
Applicable Applications for anti-KLHL12 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
KLHL12 Antibody (C-term) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the KLHL12 antibody detected the KLHL12 protein (arrow).



WB (Western Blot)
KLHL12 Antibody (C-term) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the KLHL12 antibody detected the KLHL12 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-KLHL12 antibody	Serves as a substrate-specific adapter for the CUL3-based ubiquitin-protein E3 ligase complex. Negatively regulates the Wnt signaling pathway via the targeted ubiquitination and subsequent proteolysis of DVL3.
References	Ehret, G.B., et al. Eur. J. Hum. Genet. 17(12):1650-1657(2009) Rondou, P., et al. J. Biol. Chem. 283(17):11083-11096(2008) Lim, J., et al. Cell 125(4):801-814(2006) Angers, S., et al. Nat. Cell Biol. 8(4):348-357(2006) Uchida, K., et al. Immunology 116(1):53-63(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	11056006
NCBI GeneID	59349
NCBI Accession #	NP_067646.1
NCBI GenBank Nucleotide #	NM_021633.3
UniProt Accession #	Q53G59; Q9HBX5; A6NEN8; B7Z7B8
Molecular Weight	63277
NCBI Official Full Name	kelch-like protein 12 isoform 2
NCBI Official Synonym Full Names	kelch-like family member 12
NCBI Official Symbol	KLHL12
NCBI Official Synonym Symbols	DKIR; C3IP1
NCBI Protein Information	kelch-like protein 12
UniProt Protein Name	Kelch-like protein 12
UniProt Gene Name	KLHL12
UniProt Synonym Gene Names	C3IP1; hDKIR
UniProt Entry Name	KLH12_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.

