

Rabbit KLHL3 Polyclonal Antibody | anti-KLHL3 antibody

KLHL3 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197835	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

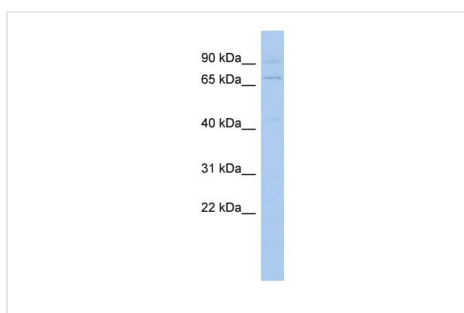
PRODUCT SYNONYMS

KLHL3; Polyclonal Antibody; KLHL3 antibody - N-terminal region; anti-KLHL3 antibody

PRODUCT SPECIFICATIONS

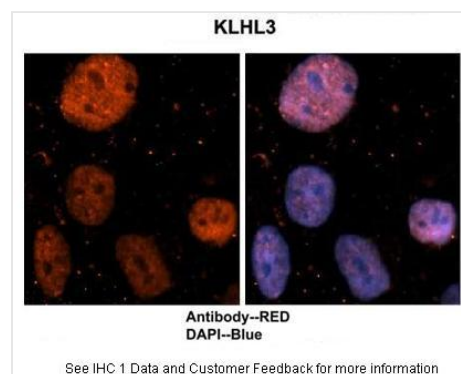
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: CS PYFCAMFTGD MSES KAKKIE IKDVGQTLK LIDYIYTAE IEVTEENV
Sequence Length	587
Applicable Applications for anti-KLHL3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 86%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 82%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human KLHL3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-KLHL3 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:12500
 Positive Control: THP-1 cell lysate



IHC (Immunohistochemistry)

Sample Type : Human brain stem cells
 Primary Antibody Dilution : 1:500
 Secondary Antibody : Goat anti-rabbit Alexa-Fluor 594
 Secondary Antibody Dilution : 1:1000
 Color/Signal Descriptions : KLHL3: Red DAPI: Blue
 Gene Name : KLHL3
 Submitted by : Dr. Yuzhi Chen, University of Arkansas for Medical Science

ADDITIONAL INFORMATION

Related Product Information for anti-KLHL3 antibody	This is a rabbit polyclonal antibody against KLHL3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: KLHL3 protein contains a poxvirus and zinc finger domain at the N-terminus and six tandem repeats (kelch repeats) at the C-terminus. At the amino acid level, KLHL3 shares 77% similarity with Drosophila kelch and 89% similarity with Mayven (KLHL2), another human kelch homolog. At least three isoforms are produced and may be the result of alternative promoter usage. The KLHL3 maps within the smallest commonly deleted segment in myeloid leukemias characterized by a deletion of 5q; however, no inactivating mutations of KLHL3 could be detected in malignant myeloid disorders with loss of 5q.
Product Categories/Family for anti-KLHL3 antibody	Polyclonal; Transcription Factor; Signal Proteins; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	166235129
NCBI GeneID	26249
NCBI Accession #	NP_059111
NCBI GenBank Nucleotide #	NM_017415
UniProt Accession #	Q9UH77
Molecular Weight	65kDa
NCBI Official Full Name	kelch-like protein 3 isoform 1
NCBI Official Synonym Full Names	kelch like family member 3
NCBI Official Symbol	KLHL3
NCBI Official Synonym Symbols	PHA2D
NCBI Protein Information	kelch-like protein 3
UniProt Protein Name	Kelch-like protein 3
UniProt Gene Name	KLHL3
UniProt Synonym Gene Names	KIAA1129
UniProt Entry Name	KLHL3_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/klhl3-antibody-western-blot-immunohistochemistry-elisa/197835>