



KLHL3 Monoclonal Antibody

Catalog No	YP-mAb-03944
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	KLHL3
Protein Name	Kelch-like protein 3
Immunogen	The antiserum was produced against synthesized peptide derived from human KLHL3. AA range:10-59
Specificity	KLHL3 Monoclonal Antibody detects endogenous levels of KLHL3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KLHL3; KIAA1129; Kelch-like protein 3
Observed Band	65kD
Cell Pathway	Cytoplasm, cytoskeleton . Cytoplasm, cytosol .
Tissue Specificity	Widely expressed.
Function	function:Probable substrate-specific adapter of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 BTB (POZ) domain.,similarity:Contains 6 Kelch repeats.,subunit:Interacts with cul3.,tissue specificity:Seems to be expressed in a variety of tissues.,
Background	This gene is ubiquitously expressed and encodes a full-length protein which has an N-terminal BTB domain followed by a BACK domain and six kelch-like repeats in the C-terminus. These kelch-like repeats promote substrate ubiquitination of bound proteins via interaction of the BTB domain with the CUL3 (cullin 3) component of a cullin-RING E3 ubiquitin ligase (CRL) complex. Mutations in this gene cause pseudohypoadosteronism type IID (PHA2D); a rare Mendelian syndrome featuring hypertension, hyperkalaemia and metabolic acidosis. Alternative splicing results in multiple transcript variants encoding distinct



isoforms. [provided by RefSeq, Mar 2012],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

