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anti-KLHL13 antibody (AA 351-450)



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Quantity:	100 μL
Target:	KLHL13
Binding Specificity:	AA 351-450
Reactivity:	Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KLHL13 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human KLHL13
Isotype:	IgG
Cross-Reactivity:	Zebrafish (Danio rerio)
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	KLHL13

Target Details

Alternative Name:	KLHL13 (KLHL13 Products)
Background:	Synonyms: Kelch-like protein 13, BTB and kelch domain-containing protein 2, KLH13_HUMAN.
	Background: KLHL13 (kelch like 13), also known as BKLHD2 (BTB and kelch domain containing
	protein 2), is a 604 amino acid protein that contains six Kelch repeats and one BTB/POZ
	domain. Expressed predominantly in brain, KLHL13 is believed to play a role in protein
	ubiquitination and may function as a substrate specific adapter of an E3 ubiquitin protein ligase
	complex. E3 ligases accept a ubiquitin residue from an E2 ubiquitin conjugating enzyme and
	immediately transfer that residue to a protein that is targeted for degradation. Specifically,
	KLHL13 interacts with KLHL9 and CUL3, a member of the cullin family of mediators that
	participate in the selective targeting of proteins for ubiquitin mediated proteolysis. Via its BTB
	and C terminal Kelch (BACK) motif, KLHL13 is thought to play a role in spatially orientating
	substrates in the CUL3 ligase.
Gene ID:	90293
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months