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Datasheet for ABIN903880  
**anti-KLHL13 antibody (AA 351-450) (HRP)**

### Overview

Quantity:	100 µL
Target:	KLHL13
Binding Specificity:	AA 351-450
Reactivity:	Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KLHL13 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, 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
Alternative Name:	KLHL13 ( <a href="#">KLHL13 Products</a> )

## Target Details

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**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

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**Application Notes:** WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 µg/µL

**Buffer:** Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % 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 Advice:** Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

**Storage:** -20 °C

**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

## Handling

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Expiry Date: 12 months