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Datasheet for ABIN903883
anti-KLHL13 antibody (AA 351-450) (FITC)

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 FITC |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

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 (KLHL13 Products) |

Target Details

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: 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: 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.

Storage: -20 °C

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

Expiry Date: 12 months