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Datasheet for ABIN6976625

## anti-KLHL18 antibody (AA 451-550) (Alexa Fluor 350)

### Overview

Quantity:	100 µL
Target:	KLHL18
Binding Specificity:	AA 451-550
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KLHL18 antibody is conjugated to Alexa Fluor 350
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 KLHL18
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse, Horse
Purification:	Purified by Protein A.

### Target Details

Target:	KLHL18
Alternative Name:	KLHL18 ( <a href="#">KLHL18 Products</a> )

## Target Details

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**Background:** Synonyms: Kelch-like protein 18, KLHL18, KIAA0795, OK/SW-cl.74

Background: KLHL18 is a 574 amino acid protein that is related to the Drosophila kelch protein, which is required to maintain actin organization in ovarian ring canals. Mutations affecting Kelch function result in failure of Kelch to associate with the ring canals and subsequent female sterility. Human KLHL18 protein contains six kelch repeats, one BACK (BTB/Kelch associated) domain and one BTB (POZ) domain. The BTB (Broad-Complex, Tramtrack and Bric a brac) domain, also known as the POZ (Poxvirus and Zinc finger) domain, is an N-terminal homodimerization domain that contains multiple copies of kelch repeats and/or C2H2-type zinc fingers. Proteins that contain BTB domains are thought to be involved in transcriptional regulation via control of chromatin structure and function. There are two isoforms of KLHL18 that are produced as a result of alternative splicing events.

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**Gene ID:** 23276

**UniProt:** [O94889](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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

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**Expiry Date:** 12 months