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Datasheet for ABIN4911421
anti-KLHL18 antibody (AA 451-550) (Biotin)

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 Biotin
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 KLHL18
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Horse
Purification:	Purified by Protein A.

Target Details

Target:	KLHL18
Alternative Name:	KLHL18 (KLHL18 Products)

Target Details

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.

Gene ID: 23276

UniProt: [O94889](#)

Application Details

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

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 for 12 months.

Expiry Date: 12 months