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Datasheet for ABIN7157268

anti-KLHL12 antibody (AA 1-220) (Biotin)

Overview

Quantity:	100 µg
Target:	KLHL12
Binding Specificity:	AA 1-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KLHL12 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Kelch-like protein 12 protein (1-220AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	KLHL12
Alternative Name:	KLHL12 (KLHL12 Products)
Background:	Background: Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin ligase complex that acts as a negative regulator of Wnt signaling pathway and ER-Golgi transport. The

Target Details

BCR(KLHL12) complex is involved in ER-Golgi transport by regulating the size of COPII coats, thereby playing a key role in collagen export, which is required for embryonic stem (ES) cells division: BCR(KLHL12) acts by mediating monoubiquitination of SEC31 (SEC31A or SEC31B). As part of the BCR(KLHL12) complex, also acts as a negative regulator of the Wnt signaling pathway by mediating ubiquitination and subsequent proteolysis of DVL3. The BCR(KLHL12) complex also mediates polyubiquitination of DRD4, without leading to degradation of DRD4. Aliases: C3IP1 antibody, CUL3 interacting protein 1 antibody, CUL3-interacting protein 1 antibody, DKIR antibody, DKIR homolog antibody, FLJ27152 antibody, hDKIR antibody, Kelch like 12 (Drosophila) antibody, Kelch like 12 antibody, Kelch like 12 variant antibody, Kelch like protein 12 antibody, Kelch like protein C3IP1 antibody, kelch-like family member 12 antibody, Kelch-like protein 12 antibody, KLH12_HUMAN antibody, KLHL 12 antibody, klhl12 antibody, OTTHUMP00000038799 antibody

UniProt: [Q53G59](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.