

Mouse Monoclonal Antibody to KLHL22

Catalogue Number	sAP-0461
Target Molecule	Name: KLHL22 Aliases: KELCHL; KLHL22 MW: 72kDa Entrez Gene ID: 84861
Description	KLHL22 (kelch-like protein 22) is a 634 amino acid protein that is related to the Drosophilikelch protein, which is required to maintain Actin organization in ovarian ring canals. Mutations affecting Kelch function result in the failure of Kelch to associate with the ring canals and subsequent female sterility. Human KLHL22 protein contains six kelch repeats 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 KLHL22 that are produced as a result of alternative splicing.
Immunogen	Purified recombinant fragment of human KLHL22 expressed in E. Coli.
Recitative Species	Human
Clone	MM7B10;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Gene. 1994 Jan 28;138(1-2):171-4. ; 2. Nat Genet. 2004 Jan;36(1):40-5. ; 3. Cell. 2009 Jul 23;138(2):389-403.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**