

KLHL13 (8D1) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 253027

Unit: 0.1 ml

Description:

KLHL13 (Kelch-like protein 13) is a 604 amino acid long 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 CUL-3, 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 CUL-3 ligase.

Isotype: Mouse IgG1

Applications: E, FC, IF, IHC, WB

Species Reactivity: H

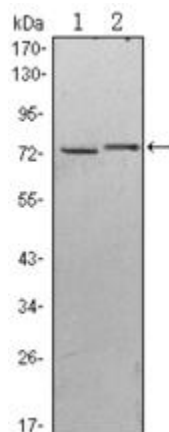
Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Kelch-like protein 13; BTB and kelch domain-containing protein 2; BKLHD2; KIAA1309; KLHL13

Accession No.: Q9P2N7

Antigen: Purified recombinant fragment of human KLHL13 expressed in *E. coli*.

Application Notes: E: 1:10000; WB: 1:500-1:2000; IF: 1:200-1:1000; IHC: 1:200-1:1000; FC: 1:200-1:400



The KLHL13 (8D1) Antibody (Cat. No. 253027) is used in Western blot to detect KLHL13 in Hela (1) and MCF-7 (2) cell lysates.

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.