

# KLHL12 Monoclonal Antibody

### Description

Product type Primary Antibody

Code BT-MCA0814

Host Mouse

Isotype IgG

Size 50ul, 100ul

Immunogen Purified recombinant fragment of human KLHL12 expressed in E. Coli.

Mol wt N/A

Species reactivity Human

Clonality Monoclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name Kelch-like protein 12

Synonyms KLHL12; C3IP1; Kelch-like protein 12; CUL3-interacting protein 1; DKIR homolog; hDKIR

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

## Background

This gene encodes a member of the KLHL (Kelch-like) family of proteins. This protein has been identified as an autoantigen in the autoimmune disease Sjogren's syndrome and as a potential biomarker in primary biliary cirrhosis. This protein may act as a substrate adaptor of the Cullin-3 ubiquitin ligase complex to promote substrate-specific ubiquitylation. Ubiquitylation by this complex has been shown to regulate the Wnt signaling pathway as well as COPII vesicle coat size. A pseudogene has been identified on chromosome 22. Alternative splicing results in multiple transcript variants.

#### **Recommended Dilution**

ELISA: 1:10000 WB: 1:500 - 1:2000

Not yet tested in other applications.

#### **Images**



Western Blot analysis using KLHL12 Monoclonal antibody against HeLa (1) cell lysate.

# Storage

-20°C for one year