

## anti- KLHL12 antibody

### Product Information

Catalog No.:	FNab04610
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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 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.

### Immunogen information

Immunogen:	kelch-like 12(Drosophila)
Synonyms:	C3IP1
Observed MW:	53-56 kDa, 63-67 kDa
UniprotID :	Q53G59

### Application

#### Wuhan Fine Biotech Co., Ltd.

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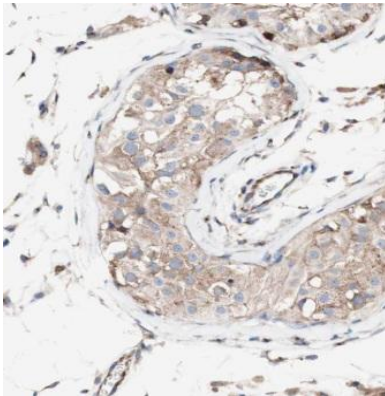
Fax: (0086)027-87800889 [www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Mouse, Rat

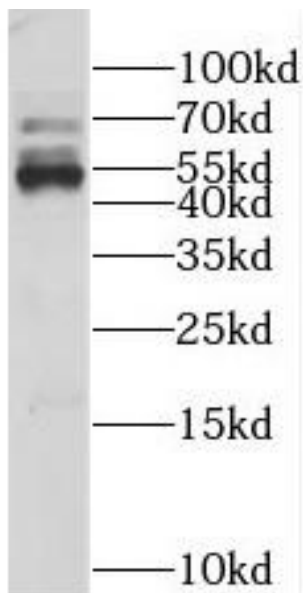
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human testis using FNab04610(KLHL12 antibody) at dilution of 1:100



PC-3 cells were subjected to SDS PAGE followed by western blot with FNab04610(KLHL12 antibody) at dilution of 1:1000

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