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**Product Name: KLHL12 Mouse Monoclonal Antibody****Catalog #: AMM80855**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	63kDa

**Antigen Information**

<b>Gene Name</b>	KLHL12
<b>Alternative Names</b>	DKIR; C3IP1; FLJ27152; KLHL12
<b>Gene ID</b>	59349.0
<b>SwissProt ID</b>	Q53G59
<b>Immunogen</b>	Purified recombinant fragment of human KLHL12 expressed in E. Coli.

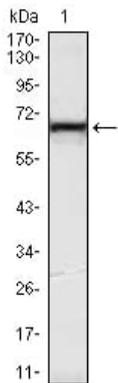
**Background**

Serves as a substrate-specific adapter for the CUL3-based ubiquitin-protein E3 ligase complex. Negatively regulates the Wnt signaling pathway via the targeted ubiquitination and subsequent proteolysis of DVL3. Tissue specificity: Highly expressed in testis and at lower levels in the submandibular salivary gland.

## Research Area

Wnt signaling pathway

## Image Data



Western blot analysis using KLHL12 mouse mAb against Hela (1) cell lysate.