

## **NUMB Polyclonal Antibody**

Catalog No: YT5320

**Reactivity:** Human; Mouse; Rat

**Applications:** WB;IF;ELISA

Target: NUMB

**Fields:** >>Notch signaling pathway

Gene Name: NUMB

Protein Name: Protein numb homolog

P49757

Q9QZS3

Human Gene Id: 8650

**Human Swiss Prot** 

No:

Mouse Gene Id: 18222

**Mouse Swiss Prot** 

No:

Rat Swiss Prot No: Q2LC84

**Immunogen:** Synthesized peptide derived from the Internal region of human NUMB.

**Specificity:** NUMB Polyclonal Antibody detects endogenous levels of NUMB protein.

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1:500-2000; IF ICC 1:100-500; ELISA 1:5000-20000

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.



Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 70kD

Cell Pathway: Notch;

**Background:** The protein encoded by this gene plays a role in the determination of cell fates

during development. The encoded protein, whose degradation is induced in a proteasome-dependent manner by MDM2, is a membrane-bound protein that has been shown to associate with EPS15, LNX1, and NOTCH1. Alternative splicing

results in multiple transcript variants. [provided by RefSeq, Feb 2016],

**Function:** function:Implicated in the control of cell fate decisions during

development.,PTM:Isoform 1 and isoform 2 are ubiquitinated by LNX leading to their subsequent proteasomal degradation (By similarity). Ubiquitinated; mediated by SIAH1 and leading to its subsequent proteasomal degradation.,sequence caution:Intron retention.,similarity:Contains 1 PID domain.,subunit:Interacts with EPS15, LNX and NOTCH1. May interact with DUOXA1. Interacts with RALBP1

in a complex also containing EPN1 and TFAP2A during interphase and mitosis.,

Subcellular

Cell membrane ; Peripheral membrane protein ; Cytoplasmic side . Endosome membrane ; Peripheral membrane protein ; Cytoplasmic side . Localizes to

perinuclear endosomes in an AAK1-dependent manner. .

**Expression:** B cells,Blood,Brain,Cervix carcinoma,Epithelium,Fetal brain,HeLa cells,Live

Tag: orthogonal,knockdown

**Sort :** 1114

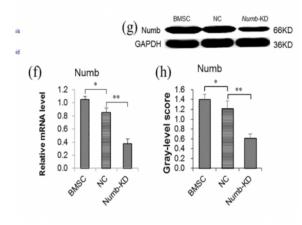
No4: 1

Host: Rabbit

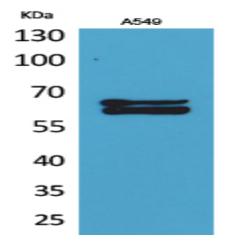
Modifications: Unmodified

## **Products Images**

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Xu, W., Xu, Yn., Zhang, X. et al. Hepatic stem cell Numb gene is a potential target of Huang Qi Decoction against cholestatic liver fibrosis. Sci Rep 10, 17486 (2020).



Western Blot analysis of A549 cells using NUMB Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000