



NUMB Polyclonal Antibody

Catalog No	YP-Ab-12858
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB; IF;ELISA
Gene Name	NUMB
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000; IF/ICC 1:100-500;ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	h Numb;NUMB;numb homolog (Drosophila);Protein numb homolog;Protein S171;S171;h-Numb
Observed Band	70kD
Calculated Molecular Weight	70kD
Cell Pathway	Cell membrane ; Peripheral membrane protein ; Cytoplasmic side . Endosome membrane ; Peripheral membrane protein ; Cytoplasmic side . Localizes to perinuclear endosomes in an AAK1-dependent manner. .
Tissue Specificity	B cells,Blood,Brain,Cervix carcinoma,Epithelium,Fetal brain,HeLa cells,Live
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.,



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],

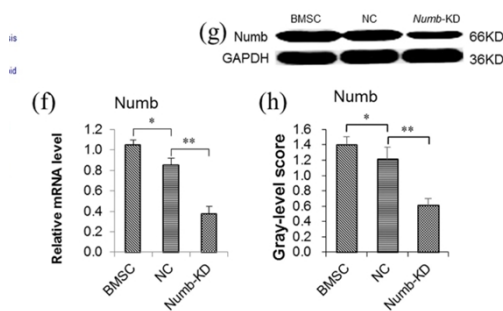
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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