



NUMB Polyclonal Antibody

E20-75320

Catalog Number:E20-75320

Host Species:Polyclonal, Rabbit

Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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

Calculated MW:70804Da

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

Gene Name:NUMB

Dilution:Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Protein Name:Protein numb homolog

Human Gene Id:8650

Human Swiss Prot No:P49757

Mouse Gene Id:18222

Mouse Swiss Prot No:Q9QZS3

Rat Swiss Prot No:Q2LC84

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

Concentration:1 mg/ml

Storage Stability:-20°C/1 year

Other Name:NUMB; Protein numb homolog; h-Numb; Protein S171

Observed Band(KD):70

Background:NUMB, endocytic adaptor protein(NUMB) Homo sapiens 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

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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 Location: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