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Rabbit Anti-Phospho-Numb (Ser276) antibody

SL3311R

Product Name:	Phospho-Numb (Ser276)
Chinese Name:	磷酸化膜相关蛋白Numb抗体
Alias:	Numb (phospho S276); Numb (phospho Ser276); p-Numb (Ser276); c14_5527; C14orf41; FLJ31314; h Numb; h-Numb; Numb; Numb homolog (Drosophila); Numb homolog; Numb protein homolog; NUMB_HUMAN; Protein numb homolog; Protein S171; S171.
文献引用 PubMed :	**Specific References(1)**|SL3311R has been referenced in 1 publications. **[IF=5.37]**Mah, In Kyoung, et al. "Atypical PKC-iota Controls Stem Cell Expansion via Regulation of the Notch Pathway." Stem Cell Reports (2015).**WB;Mouse**. PubMed:26527382
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	70kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated Synthesised phosphopeptide derived from human Numb around the phosphorylation site of Ser276:QG(p-S)FR
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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. Four transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]. **Function:** Plays a role in the process of neurogenesis. Required throughout embryonic neurogenesis to maintain neural progenitor cells, also called radial glial cells (RGCs), by allowing their daughter cells to choose progenitor over neuronal cell fate. Not required for the proliferation of neural progenitor cells before the onset of neurogenesis. Also involved postnatally in the subventricular zone (SVZ) neurogenesis by regulating SVZ neuroblasts survival and ependymal wall integrity. May also mediate local repair of brain ventricular wall damage. **Subunit:** Interacts with CDH1 and TFAP2B (By similarity). 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:** Membrane; Peripheral membrane protein. **Post-translational modifications:** Phosphorylated on Ser-276 and Ser-295 by CaMK1. Isoform 1 and isoform 2 are ubiquitinated by LNX leading to their subsequent proteasomal degradation. Ubiquitinated; mediated by SIAH1 and leading to its subsequent proteasomal degradation. **Similarity:** Contains 1 PID domain. **SWISS:** P49757 **Gene ID:** 8650 **Database links:** Entrez Gene: 8650Human

	Entrez Gene: 18222Mouse Entrez Gene: 29419Rat Omim: 603728Human SwissProt: P49757Human SwissProt: Q9QZS3Mouse SwissProt: Q2LC84Rat Unigene: 654609Human Unigene: 714879Human Unigene: 4390Mouse Unigene: 102078Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. 膜相关蛋白Numb是细胞命运决定因子:在细胞有丝分裂期，Numb选择性地分布于细胞的一侧,在胞质分裂后则被分配于一个子细胞，Numb通过抑制跨膜受体Notch而发挥作用, Numb信号途径在前体细胞的神经元调控方面起着重要作用.