

产品名称: NUMB (16Y18) Rabbit Monoclonal Antibody
产品货号: AMRe14976



产品概述 (Summary)

产品名称 (Production Name)	NUMB (16Y18) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,FC,IP,IF-P
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	NUMB
别名 (Alternative Names)	c14_5527; h Numb; Numb; Numb homolog; S171;
基因 ID (Gene ID)	8650.0
蛋白 ID (SwissProt ID)	P49757.Recombinant protein of human NUMB

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:200,FC 1:50-1:200,IP 1:20-1:50,IF-P 1:100-1:200
蛋白分子量 (Molecular Weight)	71kDa

研究背景 (Background)

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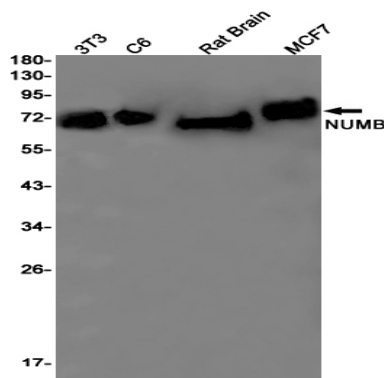


Numb acts as a negative regulator of Notch signaling by promoting ubiquitination and degradation of Notch. The protein is asymmetrically segregated into one daughter cell during cell division, producing two daughter cells with different responses to Notch signaling and different cell fates. The localization of Numb can also be regulated by G-protein coupled receptor (GPCR) and PKC signaling. Regulates clathrin-mediated receptor endocytosis (PubMed:18657069). Plays a role in the process of neurogenesis (By similarity). 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 (By similarity). 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 (By similarity). May also mediate local repair of brain ventricular wall damage (By similarity).

研究领域 (Research Area)

Notch;

图片 (Image Data)



Western blot detection of NUMB in 3T3,C6,Rat Brain,MCF7 cell lysates using NUMB antibody(1:1000 diluted).

注意事项 (Note)

For research use only .