

KD-Validated Anti-NUMB Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI2294

Product Information

Application	WB, FC
Primary Accession	P49757
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB1070
Calculated MW	70804
Gene Name	NUMB
Aliases	Numb Homolog (Drosophila); Numb (Drosophila) Homolog; C14orf41; c14_5527; h-Numb; Protein Numb Homolog; S171; Protein S171; Chromosome 14 Open Reading Frame 41
Immunogen	A synthesized peptide derived from human NUMB

Additional Information

Gene ID	8650
Other Names	Protein numb homolog, h-Numb, Protein S171, NUMB (HGNC:8060)

Protein Information

Name	NUMB (HGNC:8060)
Function	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).
Cellular Location	Cell membrane; Peripheral membrane protein; Cytoplasmic side. Endosome membrane; Peripheral membrane protein; Cytoplasmic side. Note=Localizes to perinuclear endosomes in an AAK1-dependent manner.

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