

NUMBL Polyclonal Antibody

Catalog number: 10111-1-AP

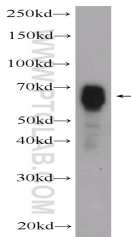
Size: 45 µg/150 µl

Source: Rabbit

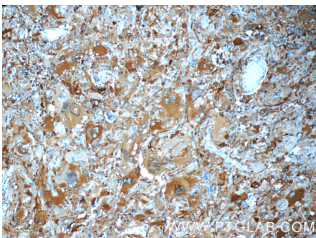
Isotype: IgG

Synonyms:

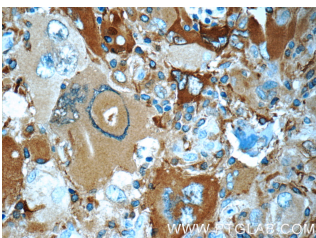
NUMBL; CAG3A, CTG3a, NBL, numb homolog (Drosophila) like, Numb like protein, NUMBR, Numb related protein, NUMBL, NUMBLIKE, NUMBR, TNRC23



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10111-1-AP(NUMBLIKE Antibody) at dilution of 1:2000



Immunohistochemistry of paraffin-embedded human gliomas tissue slide using 10111-1-AP(NUMBLIKE Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human gliomas tissue slide using 10111-1-AP(NUMBLIKE Antibody) at dilution of 1:50 (under 40x lens)

Background

Numb (also known as numlike or Nbl), as a conserved homolog of *Drosophila* Numb, is specifically expressed in the brain. Numb is a cytoplasm protein and has redundant functions in embryonic neurogenesis. It plays an important role in ependymal wall integrity and subventricular zone neuroblast survival. However, its expression and function in the central nervous system lesion are still unclear.

Applications

Tested applications:	ELISA, IF, WB, IHC, IP
Cited applications:	IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated NUMBL MW:	65 kDa
Observed NUMBL MW:	65-70 kDa
Positive WB detected in	Mouse brain tissue, HeLa cells, mouse liver tissue, mouse lung tissue, mouse spleen tissue
Positive IP detected in	HeLa cells
Positive IHC detected in	Human gliomas tissue, human lung cancer tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:1000-1:10000 IP: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:20-1:200

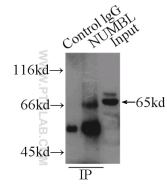
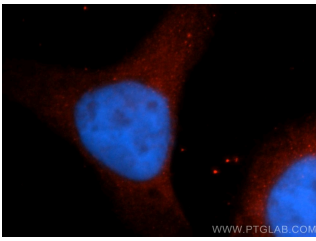
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0156
GenBank accession number:	BC001794
Gene ID (NCBI):	9253
Full name:	Numb homolog (Drosophila)-like

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



Immunofluorescent analysis of HepG2 cells, using NUMBL antibody 10111-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).

IP Result of anti-NUMBLIKE (IP:10111-1-AP, 3ug; Detection:10111-1-AP 1:1000) with HeLa cells lysate 1000ug.