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Datasheet for ABIN3032081
anti-NUMB antibody (AA 194-220)

2 Images

Overview

Quantity:	100 µg
Target:	NUMB
Binding Specificity:	AA 194-220
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUMB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Amino acids 194-220 (SFRVTTATEQAEREEIMKMQDAKKAE-human) were used as the immunogen for this Numb antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	NUMB
Alternative Name:	Numb (NUMB Products)
Background:	Numb is a protein that in humans is encoded by the gene of the same name. The encoded protein, whose degradation is induced in a proteasome-dependent manner by a href=../search_result.php?search_txt=mdm>MDM2 , is a membrane-bound protein that has

Target Details

been shown to associate with EPS15, LNX1, and NOTCH1. The primary function of Numb in cell differentiation is as an inhibitor of [Notch](https://www.antibodies-online.com/search_result.php?search_txt=notch) signaling which is essential for maintaining self-renewal potential in stem and progenitor cells. Numb also plays a crucial role in asymmetrical cell division during development, allowing for differential cell fate specification in the central and peripheral nervous systems. Additionally, the protein product controls binary cell fate decisions in the peripheral and central nervous systems of both invertebrates and mammals during neurogenesis.

Gene ID: 8650

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the Numb antibody may be required due to differences in protocols and secondary/substrate sensitivity.
Western blot: 0.5-1 µg/mL

Restrictions: For Research Use only

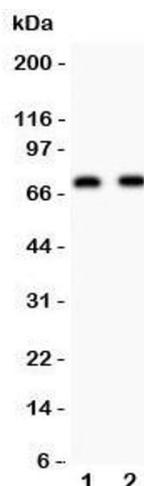
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

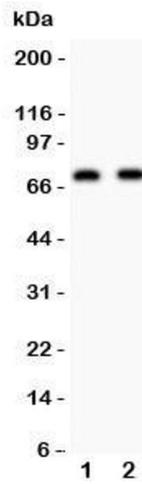
Storage Comment: After reconstitution, the Numb antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of Numb antibody and Lane 1: human U87; 2: mouse Neuro-2a lysate. Predicted/observed size ~70KD



Western Blotting

Image 2. Western blot testing of Numb antibody and Lane 1: human U87