

Datasheet for ABIN2788064
anti-NUMB antibody (C-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	NUMB
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Rabbit, Guinea Pig, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUMB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Sequence:	ASGNRHA EVP PGTCPVDPFE AQWAALESKS KQRTNPSP TN PFSSDLQKTF
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against Numb. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NUMB
Alternative Name:	Numb (NUMB Products)
Background:	Numb plays a role in the process of neurogenesis. It is required throughout embryonic

Target Details

neurogenesis to maintain neural progenitor cells, also called radial glial cells (RGCs), by allowing their daughter cells to choose progenitor over neuronal cell fate. It is not required for the proliferation of neural progenitor cells before the onset of neurogenesis. It is also involved postnatally in the subventricular zone (SVZ) neurogenesis by regulating SVZ neuroblasts survival and ependymal wall integrity. It may also mediate local repair of brain ventricular wall damage.

Alias Symbols: m-numb, mnb, m-Nb

Protein Interaction Partner: Igsf5, Eed, Grin1, Cdh2, Cdh1, Ctnnb1, Ctnna1, Lnx2, Lnx1, Notch1, Eps15, Ehd1, Ehd4,

Protein Size: 604

Molecular Weight: 66 kDa

Gene ID: 18222

NCBI Accession: [NM_010949](#), [NP_035079](#)

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

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 604 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

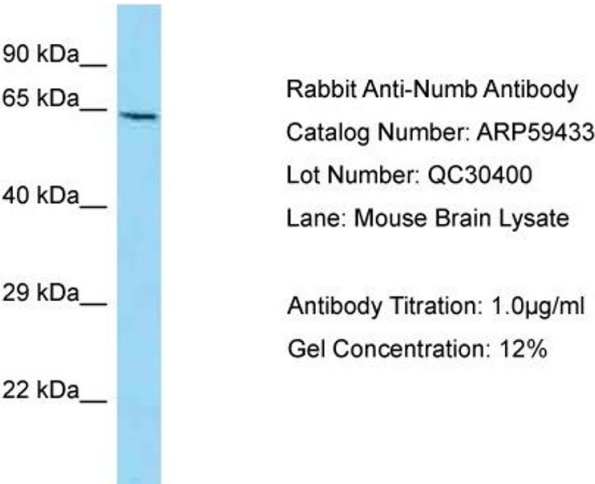
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

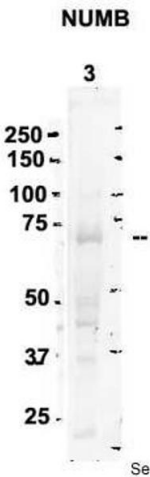


Rabbit Anti-Numb Antibody
Catalog Number: ARP59433
Lot Number: QC30400
Lane: Mouse Brain Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 1.



See Immunoblot 2 Data for more information.

Western Blotting

Image 2. **Sample Type:** 3. rat brain extract (80ug)

Primary Antibody Dilution: 2ug/ml

Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience

Secondary Antibody Dilution: 1: 20,000

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