

## Internexin $\alpha$ polyclonal antibody

Catalog: BS90729

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Alpha-internexin is a brain specific type IV intermediate filament protein. This axonal protein is found in most, if not all, neurons of the CNS. The head domain of alpha-internexin is essential for self-assembly into a filament network. Expression levels of alpha-internexin have been shown to be maximal during late embryogenesis and to decline into adulthood, suggesting that this protein plays a role in regulatory processes during the development of the brain. The alpha-internexin promoter has been shown to be activated by Brn-3a or Brn-3c transcription factor binding, while Brn-3b binding to the promoter results in alpha-internexin repression.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

66 kDa

### Swiss-Prot:

Q16352(Human) P46660(Mouse) P23565(Rat)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:1,000-1:5,000

ICC:1:50-1:200

IHC:1:50-1:200

FC:1:50-1:100

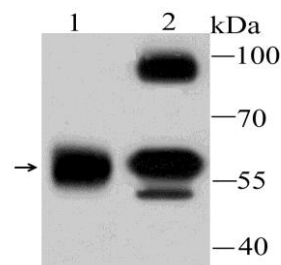
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

### Specificity:

Internexin  $\alpha$  polyclonal antibody detects endogenous levels of Internexin  $\alpha$  protein.

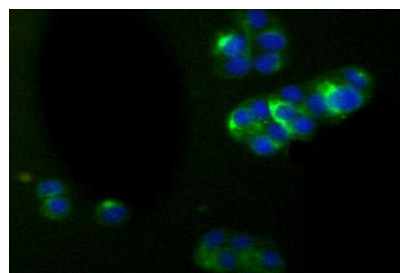
### DATA:



Western blot analysis of alpha Internexin on different lysates using anti-alpha Internexin antibody at 1/1,000 dilution. Positive control:

Lane 1: Mouse brain tissue

Lane 2: A549



ICC staining alpha Internexin in PC-12 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

### Note:

For research use only, not for use in diagnostic procedure.

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