

## CAPON Recombinant Rabbit mAb

Catalog: BS45979

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

This gene encodes a cytosolic protein that binds to the signaling molecule, neuronal nitric oxide synthase (nNOS). This protein has a C-terminal PDZ-binding domain that mediates interactions with nNOS and an N-terminal phosphotyrosine binding (PTB) domain that binds to the small monomeric G protein, Dexas1. Studies of the related mouse and rat proteins have shown that this protein functions as an adapter protein linking nNOS to specific targets, such as Dexas1 and the synapsins. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2009]

### Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

### Molecular Weight:

56 kDa

### Swiss-Prot:

O75052

### Purification&Purity:

Affinity Purification

### Applications:

WB: 1:1000-1:5000&lt;br /&gt;ICC/IF: 1:50&lt;br /&gt;FC: 1:100

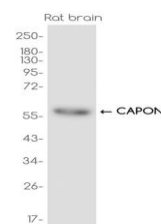
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot analysis of extracts from Rat brain cells using BS45979 at 1: 1000.

### Note:

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

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