

Product Name: CAPON Rabbit Monoclonal Antibody**Catalog #: AMRe86861**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,FC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000,ICC/IF 1:20-1:50,FC 1:50-1:200
Molecular Weight	Calculated MW:56 kDa; Observed MW:56 kDa

Antigen Information

Gene Name	CAPON
Alternative Names	CAPON; 6330408P19Rik
Gene ID	9722
SwissProt ID	O75052
Immunogen	A synthetic peptide of human CAPON

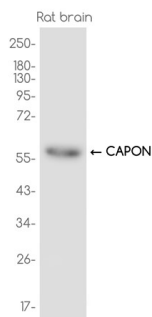
Background

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]

Research Area

Image Data



Western blot analysis of extracts from Rat brain cells using CAPON Rabbit Monoclonal Antibody at 1:1000.