



Anti-NOS1/nNOS, NeuroMab clone L121/42

Immunogen:

Fusion protein amino acids 350-720 of human NOS1 (also known as Brain nitric oxide synthase, Constitutive NOS, Neuronal NOS, Peptidyl-cysteine S-nitrosylase NOS1, NC-NOS, NOS type I, N-NOS, nNOS and BNOS, accession number P29475)
 Rat: 98% identity (363/371 amino acids identical)
 Mouse: 98% identity (362/370 amino acids identical)
 >70% identity with NOS2/iNOS and NOS3/eNOS

Monoclonal antibody info:

Mouse strain: Balb/C
 Myeloma cell: SP2/0
 Mouse Ig Isotype: IgG2b

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: human, rat, mouse

MW: 155-165 kDa for full-length protein, smaller fragments possible due to proteolysis and/or variable sample preparation

Right: adult rat brain membrane immunoblot

Left: adult rat cortex (top right), striatum (bottom left) and hippocampus (bottom right) immunohistochemistry

