



Anti-NOS1/nNOS, NeuroMab clone L121/25

Available as TC supe (RRID: AB_2651159) & Pure IgG (RRID: AB_2725813)

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 Array Tomography

Species Reactivity: human, rat, mouse

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

Adult rat brain membrane immunoblot

Array tomography immunofluorescence volume reconstruction of 9 serial LRWhite-embedded 70 nm sections from adult mouse cortex layer 6 with L121/25 (green), rabbit Synapsin (Cell Signaling #5297, red) and DAPI (blue). Images courtesy of Kristina Micheva (Stanford).

