

35-1502: Polyclonal Antibody to nNOS (Ab-852)

Clonality :	Polyclonal
Application :	WB,IF
Reactivity :	Rat,Mouse,Human
Gene :	NOS1
Gene ID :	4842
Uniprot ID :	P29475
Format :	Purified
Alternative Name :	BNOS, Constitutive NOS, N-NOS, NC-NOS, NOS1
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa.850~854 (F-N-S-V-S) derived from Human nNOS.

Description

Produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body. In the brain and peripheral nervous system, NO displays many properties of a neurotransmitter.

Product Info

Amount :	50 μ l / 100 μ l
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 160kd, Western blotting: 1:500~1:1000, Immunofluorescence: 1:100~1:200

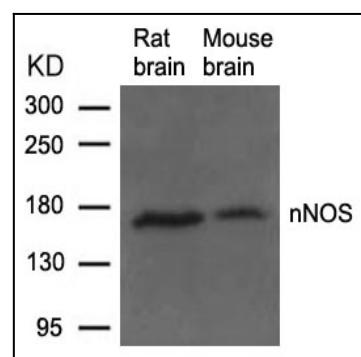


Figure 1: Western blot analysis of extracts from Rat and Mouse brain tissue using nNOS (Ab-852) Antibody 35-1502 .

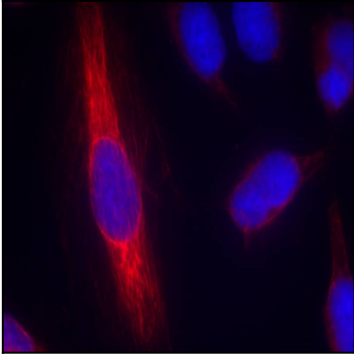


Figure 2: Immunofluorescence staining of methanol-fixed HeLa cells using nNOS (Ab-852) Antibody 35-1502 .