

NOX2 Antibody

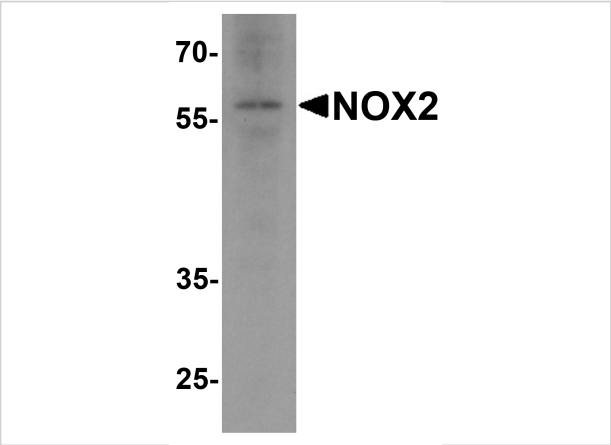
CATALOG NUMBER: 7923

Specifications

Host Species	Rabbit
Species Reactivity	Human, Mouse, Rat
Homology	Predicted species reactivity based on immunogen sequence: Pig: (87%), Bovine: (87%)
Immunogen	Rabbit polyclonal NOX2 antibody was raised against a 15 amino acid peptide near the amino terminus of human NOX2. The immunogen is located within amino acids 140 - 190 of NOX2.
Conjugate	Unconjugated
Tested Applications	ELISA, IF, IHC-P, WB
User Note	Optimal dilutions for each application to be determined by the researcher.
Specificity	NOX2 antibody is human, mouse and rat reactive. At least two isoforms are known to exist; this antibody will detect both isoforms. NOX2 is predicted to not cross-react with other NOX proteins.
Predicted Molecular Weight	Predicted: 59, 63 kDa Observed: 58 kDa

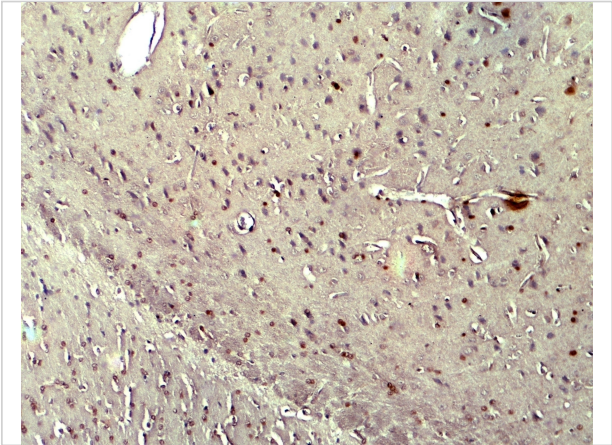
Properties

Purification	NOX2 antibody is affinity chromatography purified via peptide column.
Clonality	Polyclonal
Isotype	IgG
Physical State	Liquid
Buffer	NOX2 antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL
Storage Conditions	NOX2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.



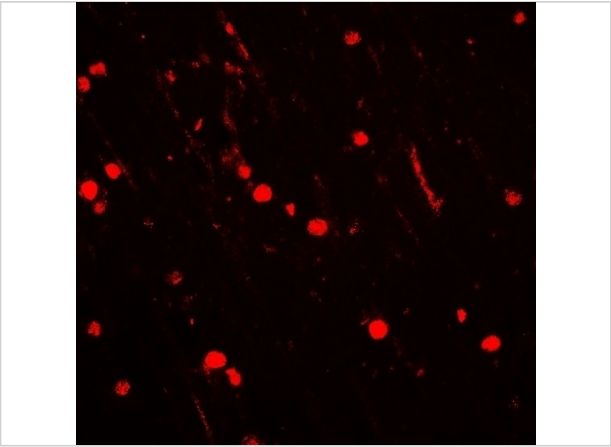
NOX2 Antibody 1

Western blot analysis of NOX2 in rat brain tissue lysate with NOX2 antibody at 1 µg/ml.



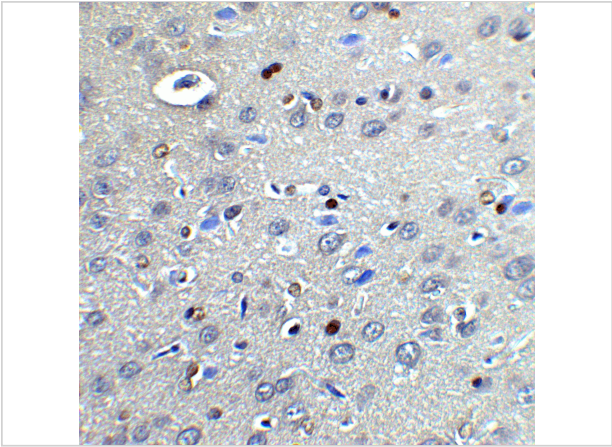
NOX2 Antibody 2

Immunohistochemistry of NOX2 in rat brain tissue with NOX2 antibody at 5 µg/ml.



NOX2 Antibody 3

Immunofluorescence of NOX2 in rat brain tissue with NOX2 antibody at 20 µg/ml.



NOX2 Antibody 4

Immunohistochemistry of NOX2 in rat brain tissue cells with NOX2 antibody at 2 µg/ml.

Disclaimer

Disclaimer	Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. This product is for research use only.
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