BOSTER BIOLOGICAL TECHNOLOGY
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Anti-NGN2 NEUROG2 Antibody

Catalog Number: A10153

About NEUROG2

Neurogenin-2 (NGN2) is a neural-specific basic helix-loop-helix (bHLH) transcription factor that can specify a neuronal fate on ectodermal cells and is expressed in neural progenitor cells within the developing central and peripheral nervous systems. NGN2 is thought to work with Nurr1 to play a role in the differentiation and survival of midbrain dopaminergic neurons. It has also been suggested for use in human embryonic neural progenitors as a graft for spinal cord injuries

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Overview

Product Name	Anti-NGN2 NEUROG2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-NGN2 NEUROG2 Antibody (Catalog # A10153). Tested in ELISA, WB, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, WB
Clonality	Polyclonal
Formulation	NGN2 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	NGN2 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9H2A3

Technical Details

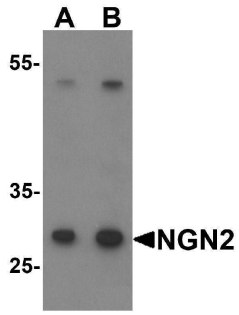
Immunogen	Rabbit polyclonal NGN2 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human NGN2. The immunogen is located within the last 50 amino acids of NGN2.
Predicted Reactive Species	Bovine, Rat
Cross Reactivity	NGN2 antibody is predicted to not cross-react with neurogenin 1.

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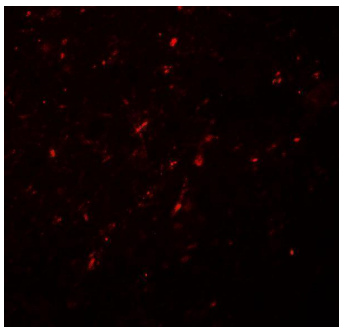
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	NGN2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	NGN2 antibody can be used for detection of NGN2 by Western blot at 1 - 2 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in mouse samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-NGN2 NEUROG2 Antibody (A10153) Images



Western blot analysis of NGN2 in mouse small intestine tissue lysate with NGN2 antibody at (A) 1 and (B) 2 ug/mL.



Immunofluorescence of NGN2 in human brain tissue with NGN2 antibody at 20 ug/mL.

Anti-NGN2 NEUROG2 Antibody

For Research Use Only. Not for use in diagnostic procedures.