

Rabbit NGN2 Polyclonal Antibody | anti-NEUROG2 antibody

NGN2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40647	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

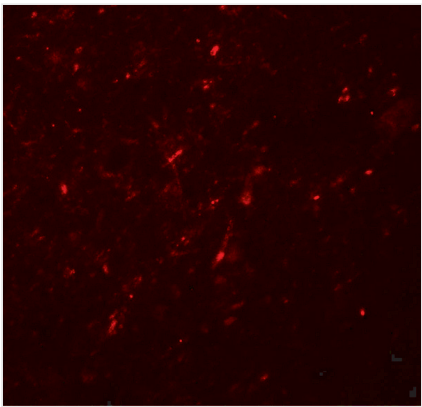
PRODUCT SYNONYMS

NGN2; Polyclonal Antibody; NGN2 Antibody; Atoh4; ngn-2; Math4A; bHLHa8; ATOH4; BHLHA8; Neurogenin-2; Class A basic helix-loop-helix protein 8; NGN-2; neurogenin 2; anti-NEUROG2 antibody

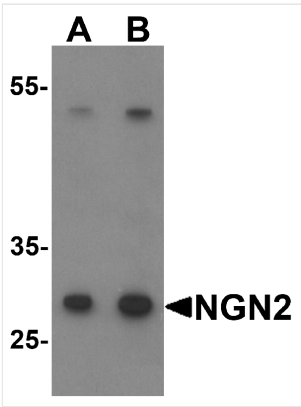
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NGN2 antibody is predicted to not cross-react with neurogenin 1.
Purity/Purification	NGN2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	272
Applicable Applications for anti-NEUROG2 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Rabbit polyclonal NGN2 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human NGN2.
Buffer	NGN2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	NGN2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of NGN2 in human brain tissue with NGN2 antibody at 20 μg/mL.



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

ADDITIONAL INFORMATION

Related Product Information for anti-NEUROG2 antibody

NGN2 Antibody: 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

NCBI AND UNIPROT INFORMATION

NCBI GI #	31077092
NCBI GeneID	63973
NCBI Accession #	NP_076924
NCBI GenBank Nucleotide #	NM_024019.3
UniProt Accession #	Q9H2A3; Q8N416
Molecular Weight	30 kDa
NCBI Official Full Name	neurogenin-2
NCBI Official Synonym Full Names	neurogenin 2
NCBI Official Symbol	NEUROG2
NCBI Official Synonym Symbols	NGN2; Atoh4; ngn-2; Math4A; bHLHa8
NCBI Protein Information	neurogenin-2; protein atonal homolog 4; class A basic helix-loop-helix protein 8
UniProt Protein Name	Neurogenin-2
UniProt Gene Name	NEUROG2
UniProt Synonym Gene Names	ATO4; BHLHA8; NGN2; NGN-2; bHLHa8
UniProt Entry Name	NGN2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.