

NGN2 Antibody (CT)

ALTERNATE NAMES: Neurogenin-2, Neurog2, NGN-2, atonal homolog 4, atoh4, math4a, basic helix-loop-helix protein 8, bHLHa8

CATALOG #: 5307-100

AMOUNT: 100 µg

HOST: Rabbit

ISOTYPE: IgG1

IMMUNOGEN: Rabbit polyclonal NGN2 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human NGN2.

PURIFICATION: Affinity chromatography purified via peptide column

FORMULATION: 100 µg (1 mg/ml) in 1X PBS containing 0.02 % sodium azide.

SPECIES REACTIVITY: Human, Mouse, Rat

STORAGE CONDITIONS: Can be stored at 4°C for three months. For long term storage, store at -20°C. Avoid freeze/thaw cycles.

DESCRIPTION:

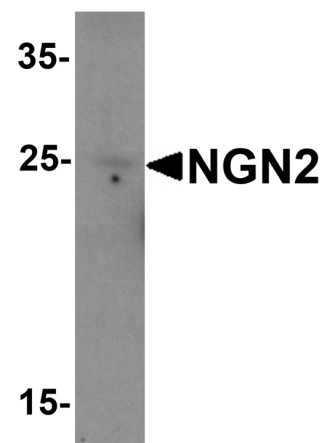
Neurogenin-2 (NGN2) is a neural-specific basic helix-loop-helix (bHLH) transcription factor that can specify a neuronal fate on ectodermal cells and is expressed in neural progenitor cells within the developing central and peripheral nervous systems. NGN2 is thought to work with Nurr1 to play a role 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

SPECIFICITY: NGN2 antibody is predicted to not cross-react with neurogenin 1.

APPLICATION: Western Blot: 1 - 2 µg/ml, ELISA

Note: *This information is only intended as a guide. The optimal dilutions must be determined by the user*

FOR RESEARCH USE ONLY! Not to be used on humans.



Western blot analysis of NGN2 in rat brain tissue lysate with NGN2 antibody at 1 µg/mL.

RELATED PRODUCTS:

- Math1 (ATH1/ATOH1) Antibody (**Cat # 3658-100**)
- Math1 (ATH1/ATOH1) Blocking Peptide (**Cat # 3658BP-50**)