



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Neurogenin-1. Rabbit Antigen Immunoaffinity Purified Polyclonal

Class A basic helix-loop-helix protein 6; Neurogenic basic-helix-loop-helix protein; Neurogenic differentiation factor 3; NeuroD3; bHLHa6; NGN-1

BACKGROUND

Acts as a transcriptional regulator. Involved in the initiation of neuronal differentiation. Activates transcription by binding to the E box (5'-CANNTG -3'). Associates with chromatin to enhance regulatory elements in genes encoding key transcriptional regulators of neurogenesis. Efficient DNA binding requires dimerization with another bHLH protein. Expression restricted to the embryonic nervous system.

ORDERING INFORMATION

CATALOG NUMBER

X2758P

SIZE

100 μ g

FORM

Affinity Purified

HOST/CLONE

Rabbit

FORMULATION

Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG

APPLICATIONS

Western blot, Immunohistochemistry, EIA

SPECIES REACTIVITY

Human

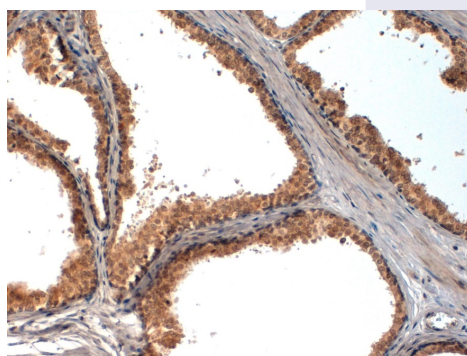
ACCESSION NUMBER

Human Q92886

IMMUNOGEN

Synthetic peptide derived from human neurogenin-1 protein.

Immunohistochemical staining of FFPE human prostate tissue using Neurogenin-1 antibody (Cat. No. X2758P). Antibody used at 1 μ g/ml and visualized using DAB. Pathologist Comments: Cytoplasmic and nuclear staining on glandular epithelium.



POSITIVE CONTROL/TISSUE EXPRESSION

COMMENTS

Antibody can be used for immunohistochemical staining (1-5 $\mu\text{g/ml}$). Optimal concentration should be evaluated by serial dilutions.

PURIFICATION

Antigen Immunoaffinity Purification

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -20°C . Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

1. Velkey, J.M., et al. 'Expression of Neurogenin 1 in Mouse Embryonic Stem Cells Directs the Differentiation of Neuronal Precursors and Identifies Unique Patterns of Down-stream Gene Expression.' *Dev. Dyn.*, 242, 230-253 (2013)
2. Hill, G.W., et al. 'Netrin-1-mediated axon guidance in mouse embryonic stem cells overexpressing neurogenin-1.' *Stem Cells Dev.*, 21, 2827-2837 (2012)
3. Choi, C.I., et al. 'Neural Induction with Neurogenin 1 Enhances the Therapeutic Potential of Mesenchymal Stem Cells in an ALS Mouse Model.' *Cell Transplant.*, Epub ahead of print (2012)

PRODUCT SPECIFIC REFERENCES