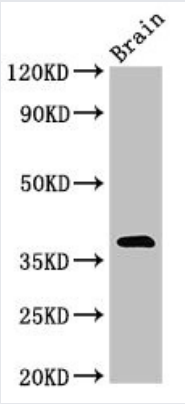
NEUROD6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NEUROD6, Polyclonal Antibody
Full Product Name	NEUROD6 Antibody
Product Gene Name	anti-NEUROD6 antibody
Product Synonym Names	Neurogenic differentiation factor 6; NeuroD6; Class A basic helix-loop-helix protein 2; bHLHa2; Protein atonal homolog 2; NEUROD6; ATOH2; BHLHA2; My051
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: NEUROD6 (MBS7050895) HRP Conjugated Antibody: NEUROD6 (MBS7050896)
Matching Pairs	Unconjugated Antibody: NEUROD6 (MBS7050895) FITC Conjugated Antibody: NEUROD6 (MBS7050897)
Matching Pairs	Unconjugated Antibody: NEUROD6 (MBS7050895) Biotin Conjugated Antibody: NEUROD6 (MBS7050898)
Molecular Weight	38,705 Da
OMIM	AF063609 mRNA
3D Structure	ModBase 3D Structure for Q96NK8
Immunogen	Recombinant Human Neurogenic differentiation factor 6 protein (170-314AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-133773 / sc-19251 / sc-19253
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NEUROD6 antibody	ELISA (EIA)
Related Product Information for anti-NEUROD6 antibody	Activates E box-dependent transcription in collaboration with TCF3/E47. May be a trans-acting factor involved in the development and maintenance of the mammalian nervous system. Transactivates the promoter of its own gene (By similarity).
Other Notes	Small volumes of anti-NEUROD6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for NEUROD6 purchase	MBS7050895 is an antibody targeting NEUROD6. Also known as NEUROD6 Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-NEUROD6 antibody
Western BlotPositive WB detected in: Mouse brain tissueAll lanes: NEUROD6 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 39 KDaObserved band size: 39 KDa

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NEUROD6. It may not necessarily be applicable to this product.

NCBI GI #	27475985
NCBI GeneID	63974
NCBI Accession #	NP_073565.2
UniProt Primary Accession #	Q96NK8
UniProt Secondary Accession #	Q548T9; Q9H3H6
UniProt Related Accession #	Q96NK8
GenBank Nucleotide #	NM_022728.3
NCBI Official Full Name	neurogenic differentiation factor 6
NCBI Official Synonym Full Names	neuronal differentiation 6
NCBI Official Symbol	NEUROD6
NCBI Official Synonym Symbols	Nex1; Atoh2; MATH2; NEX1M; Math-2; bHLHa2
UniProt Protein Name	Neurogenic differentiation factor 6
UniProt Synonym Protein Names	Class A basic helix-loop-helix protein 2; bHLHa2; Protein atonal homolog 2
Protein Family	Neurogenic differentiation factor
UniProt Gene Name	NEUROD6
UniProt Synonym Gene Names	ATOH2; BHLHA2; NeuroD6; bHLHa2
UniProt Entry Name	NDF6_HUMAN
NCBI Protein Information	neurogenic differentiation factor 6
NCBI Summary for NEUROD6	This gene is a member of the NEUROD family of basic helix-loop-helix transcription factors. The encoded protein may be involved in the development and differentiation of the nervous system. [provided by RefSeq, Nov 2012]

UniProt Comments for NEUROD6	NEUROD6: Activates E box-dependent transcription in collaboration with TCF3/E47. May be a trans-acting factor involved in the development and maintenance of the mammalian nervous system. Transactivates the promoter of its own gene. Chromosomal Location of Human Ortholog: 7p14.3
Research Articles on NEUROD6	**1.** single nucleotide polymorphisms in either the region of NEUROD6 or SNAP25 were significantly associated with Alzheimer's Disease, in APOE4+ females and APOE4+ males, respectively.
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