

Rabbit Neuro D2 Polyclonal Antibody | anti-NEUROD2 antibody

Neuro D2 Polyclonal Antibody

CATALOG # AAA295351	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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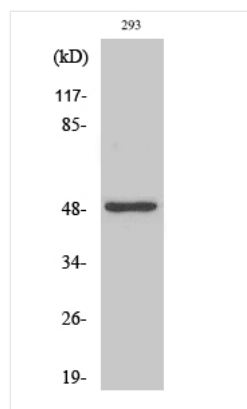
PRODUCT SYNONYMS

Neuro D2; Polyclonal Antibody; Neuro D2 Polyclonal Antibody; NEUROD2; BHLHA1; NDRF; Neurogenic differentiation factor 2; NeuroD2; Class A basic helix-loop-helix protein 1; bHLHa1; NeuroD-related factor; anti-NEUROD2 antibody

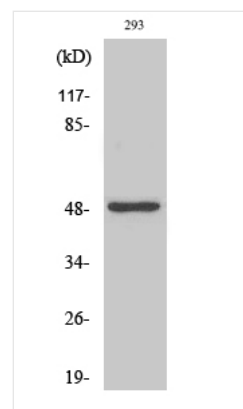
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-NEUROD2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000.
Not yet tested in other applications.


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ADDITIONAL INFORMATION

Related Product Information for anti-NEUROD2 antibody

Transcriptional regulator implicated in neuronal determination. Mediates calcium-dependent transcription activation by binding to E box-containing promoter. Critical factor essential for the repression of the genetic program for neuronal differentiation; prevents the formation of synaptic vesicle clustering at active zone to the presynaptic membrane in postmitotic neurons. Induces transcription of ZEB1, which in turn represses neuronal differentiation by down-regulating REST expression. Plays a role in the establishment and maturation of thalamocortical connections; involved in the segregation of thalamic afferents into distinct barrel domains within layer VI of the somatosensory cortex. Involved in the development of the cerebellar and hippocampal granular neurons, neurons in the basolateral nucleus of amygdala and the hypothalamic-pituitary axis. Associates with chromatin to the DPYSL3 E box-containing promoter (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	98986461
NCBI GeneID	4761
NCBI Accession #	NP_006151.3
NCBI GenBank Nucleotide #	NM_006160.3
UniProt Accession #	Q15784; Q8TBI7; Q9UQC6
Molecular Weight	41,361 Da
NCBI Official Full Name	neurogenic differentiation factor 2
NCBI Official Synonym Full Names	neuronal differentiation 2
NCBI Official Symbol	NEUROD2
NCBI Official Synonym Symbols	NDRF; bHLHa1
NCBI Protein Information	neurogenic differentiation factor 2; neuroD-related factor; neurogenic differentiation 2; class A basic helix-loop-helix protein 1; neurogenic basic-helix-loop-helix protein
UniProt Protein Name	Neurogenic differentiation factor 2
UniProt Gene Name	NEUROD2
UniProt Synonym Gene Names	BHLHA1; NDRF; NeuroD2; bHLHa1; NDRF
UniProt Entry Name	NDF2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/neuro-d2-antibody-immunohistochemistry-western-blot-elisa/295351>