

For Research Use Only

NEUROG1 Monoclonal antibody, PBS Only

Catalog Number: 66642-1-PBS



Basic Information

Catalog Number: 66642-1-PBS	GenBank Accession Number: BC008687	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 4762	CloneNo.: 1E1H6
Source: Mouse	UNIPROT ID: Q92886	
Isotype: IgG1	Full Name: neurogenin 1	
Immunogen Catalog Number: AG26438	Calculated MW: 237 aa, 26 kDa	
	Observed MW: 20-25 kDa	

Applications

Tested Applications:
WB, IF-P, ELISA

Species Specificity:
human, mouse, rat

Background Information

NEUROG1, also named BHLHA6, NEUROD3, NGN, and NGN1, is a 237 amino acid protein, which is expressed in embryonic nervous system. NEUROG1 acts as a transcriptional regulator that is involved in the initiation of neuronal differentiation. It activates transcription by binding to the E box (5'-CANNTG-3'). NEUROG1 can associate with chromatin to enhance regulatory elements in genes encoding key transcriptional regulators of neurogenesis.

Storage

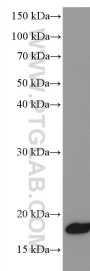
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

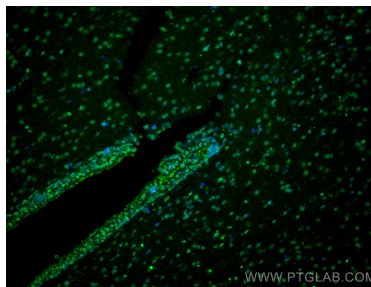
For technical support and original validation data for this product please contact:
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E: proteintech@ptglab.com
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Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 66642-1-Ig (NEUROG1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66642-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat brain tissue using NEUROG1 antibody (66642-1-Ig, Clone: 1E1H6) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66642-1-PBS in a different storage buffer formulation.