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NHLH1 Rabbit pAb

Catalog # AP98113

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q02575
Other Accession	Q02575
Predicted	Rat, Pig, Human, Mouse, Rabbit, Chicken, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14618
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NHLH1
Epitope Specificity	51-133/133
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 bHLH (basic helix-loop-helix) domain.
SUBUNIT	Efficient DNA binding requires dimerization with another bHLH protein.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The helix-loop-helix (HLH) structures are known motifs commonly found in membrane-active and DNA-binding proteins. The helix-loop-helix proteins HEN1 and HEN2 are DNA-binding proteins that may be involved in cell-type determination in the early nervous system. Studies of expression in normal tissues have demonstrated expression of NHLH1/NSCL-1 and NHLH2/NSCL-2, the genes encoding HEN1 and HEN2, in the developing central and peripheral nervous system, specifically in developing neurons.

Additional Information

Gene ID	4807
Other Names	HEN1; NSCL; NSCL1; bHLHa35; HEN2; HH27; NSCL2; bHLHa34; Tal2; 6230401I09Rik; Nscl-2; HEN1_HUMAN; NHLH1; HEN-1; Class A basic helix-loop-helix protein 35 (bHLHa35); Nescient helix loop helix 1 (NSCL-1); HEN2_HUMAN; NHLH2; HEN-2; Class A basic helix-loop-helix protein 34 (bHLHa34); Nescient helix loop helix 2 (NSCL-2); KIAA0490; HEN1_MOUSE; HEN2_MOUSE; nescient helix-loop-helix 1; nescient helix loop helix 1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	NHLH1
Synonyms	BHLHA35, HEN1
Function	May serve as DNA-binding protein and may be involved in the control of cell-type determination, possibly within the developing nervous system.
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.