SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-NHLH2 antibody

Catalog Number: SL11524R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	NHLH2
Immunogen:	KLH conjugated synthetic peptide derived from human NHLH2: 1-50/135
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human, (predicted: Mouse, Rat, Dog, Pig, Cow)
Predicted MW.:	15kDa
Subcellular Location:	The nucleus
Background:	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. **Function:** NHLH2 are two basic domain helix-loop-helix (bHLH) proteins expressed predominantly in the developing nervous system and also in some cell lines derived from tumors with neural or neuroendocrine features such as neuroblastoma, PNET, and small cell lung cancer. **Subunit:** Efficient DNA binding requires dimerization with another bHLH protein. **Subcellular Location:** Nucleus **Similarity:** Contains 1 bHLH (basic helix-loop-helix) domain.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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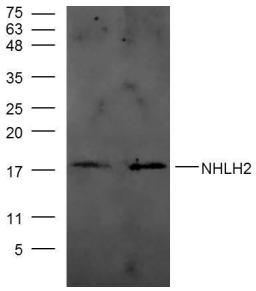
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	Database links: **Entrez Gene:** 4808 Human Omim: 162361 Human **SwissProt:** Q02577 Human **Unigene:** 46296 Human

[VALIDATION IMAGES]



Sample:
PC-3 (human)cell Lysate at 40 ug
Lovo (human)cell Lysate at 40 ug
Primary: Anti- NHLH2 (SL11524R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 15 kD
Observed band size: 18 kD

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