SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-n-Myc antibody

Catalog Number: SL22205R

FOR RESEARCH USE ONLY

[DATASHEET]

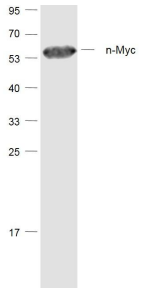
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	n-Myc
Immunogen:	KLH conjugated synthetic peptide derived from human n-Myc : 1-100/464
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human, Mouse, (predicted: Rat)
Predicted MW.:	49kDa
Subcellular Location:	The nucleus
Background:	This gene is a member of the MYC family and encodes a protein with a basic helix-loop-helix (bHLH) domain. This protein is located in the nucleus and must dimerize with another bHLH protein in order to bind DNA. Amplification of this gene is associated with a variety of tumors, most notably neuroblastomas. [provided by RefSeq, Jul 2008]. **Function:** May function as a transcription factor. **Subunit:** Efficient DNA binding requires dimerization with another bHLH protein. Binds DNA as an heterodimer with MAX. Interacts with KDM5A, KDM5B and HUWE1. **Subcellular Location:** Nucleus. DISEASE: Note=Amplification of the N-MYC gene is associated with a variety of human tumors, most frequently neuroblastoma, where the level of amplification appears to increase as the tumor progresses. **Similarity:** Contains 1 basic helix-loop-helix (bHLH) domain. **Database links:**

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

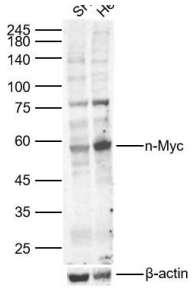
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	Entrez Gene: 4613 Human **Entrez Gene:** 18109 Mouse **Entrez Gene:** 298894 Rat Omim: 164840 Human **SwissProt:** P04198 Human **SwissProt:** P03966 Mouse **SwissProt:** Q63379 Rat **Unigene:** 25960 Human **Unigene:** 16469 Mouse **Unigene:** 81116 Rat

[VALIDATION IMAGES]



Sample:
Heart (Mouse) Lysate at 40 ug
Primary: Anti-n-Myc (SL22205R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 49 kD
Observed band size: 49 kD



Sample:
Lane 1: Human SH-SY5Y cell Lysates
Lane 2: Human Hela cell Lysates
Primary: Anti-n-Myc (SL22205R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 49kDa
Observed band size: 60kDa

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