SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
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[Primary Antibody]

Rabbit Anti-DDIT4L antibody

Catalog Number: SL6376R

FOR RESEARCH USE ONLY

[DATASHEET]

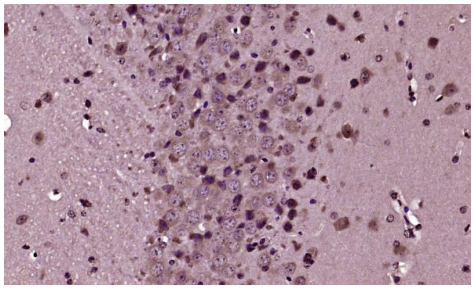
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DDIT4L
Immunogen:	KLH conjugated synthetic peptide derived from human DDIT4L: 121-193/193
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Dog,Pig,Cow,Horse,Rabbit)
Predicted MW.:	22kDa
Subcellular Location:	cytoplasmic
Background:	DDIT4L inhibits cell growth by regulating the FRAP1 pathway upstream of the TSC1-TSC2 complex and downstream of AKT1. It is up regulated in atherosclerotic plaques relative to healthy segments of the same artery. **Function:** Inhibits cell growth by regulating the TOR signaling pathway upstream of the TSC1-TSC2 complex and downstream of AKT1. **Subcellular Location:** Cytoplasm. **Tissue Specificity:** Up-regulated in atherosclerotic plaques relative to healthy segments of the same artery. **Similarity:** Belongs to the DDIT4 family. **Database links:** **Entrez Gene:** 115265 Human **Entrez Gene:** 73284 Mouse **Entrez Gene:** 140582 Rat

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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	Omim: 607730 Human **SwissProt:** Q96D03 Human **SwissProt:** Q8VHZ5 Mouse **SwissProt:** Q8VD50 Rat **Unigene:** 480378 Human **Unigene:** 250841 Mouse **Unigene:** 19672 Rat

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DDIT4L) Polyclonal Antibody, Unconjugated (SL6376R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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