



## Rabbit Anti-DDIT4L antibody

SL6376R

<b>Product Name:</b>	DDIT4L
<b>Chinese Name:</b>	DNA损伤诱导转录样蛋白4抗体
<b>Alias:</b>	DNA damage inducible transcript 4 like protein; HIF 1 responsive protein RTP801 like; Homolog of mouse SMHS1; Protein regulated in development and DNA damage response 2; REDD 2; REDD2; RTP801L; DDT4L_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	22kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human DDIT4L:121-193/193
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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.  <b>Function:</b>

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.

**SWISS:**

Q96D03

**Gene ID:**

115265

**Database links:**

[Entrez Gene: 115265](#)Human

[Entrez Gene: 73284](#)Mouse

[Entrez Gene: 140582](#)Rat

[Omim: 607730](#)Human

[SwissProt: Q96D03](#)Human

[SwissProt: Q8VHZ5](#)Mouse

[SwissProt: Q8VD50](#)Rat

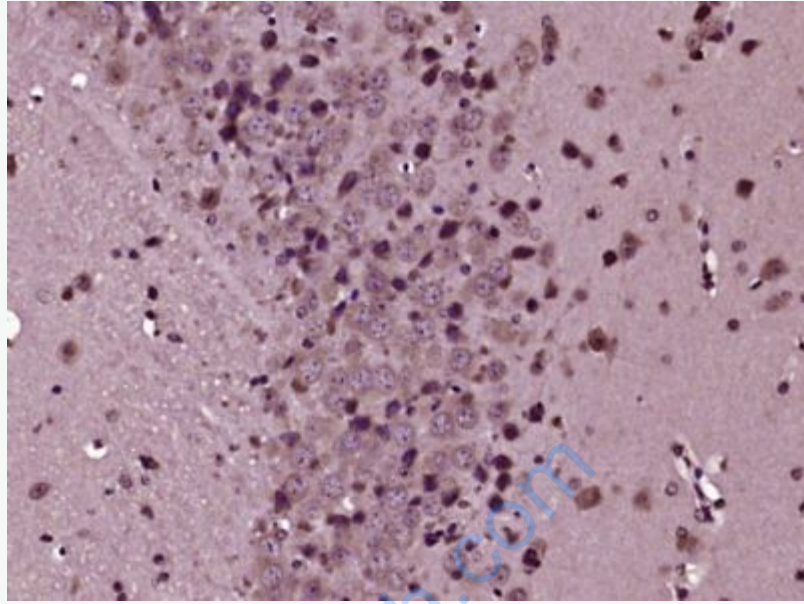
[Unigene: 480378](#)Human

[Unigene: 250841](#)Mouse

[Unigene: 19672](#)Rat

**Important Note:**

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



**Picture:**

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) instructions and DAB staining.