

Rabbit Anti-DDIT4L/APC Conjugated antibody

SL6376R-APC

Product Name	Anti-DDIT4L/APC
Chinese Name	APC 标记的 DNA 损伤诱导转录样蛋白 4 抗体
Alias	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.
Research Area	Cell biology immunology Cyclin transcriptional regulatory factor
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse(predicted:Human,Rat,Dog,Pig,Cow,Horse,Rabbit) IF=1:50-200
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	22kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human DDIT4L
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	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

[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.