

DDIT4L Rabbit pAb

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Catalog # AP58425

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96D03
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21740
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DDIT4L
Epitope Specificity	121-193/193
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	115265
Other Names	DNA damage-inducible transcript 4-like protein, HIF-1 responsive protein RTP801-like, Protein regulated in development and DNA damage response 2, REDD-2, DDIT4L, REDD2, RTP801L
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

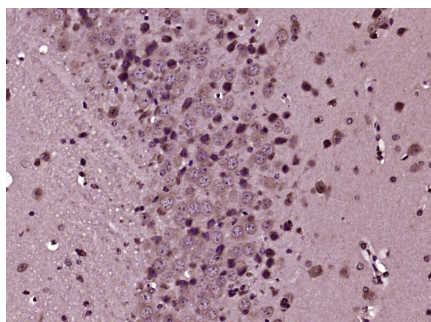
Name	DDIT4L
Synonyms	REDD2, RTP801L

Function	Inhibits cell growth by regulating the TOR signaling pathway upstream of the TSC1-TSC2 complex and downstream of AKT1.
Cellular Location	Cytoplasm.
Tissue Location	Up-regulated in atherosclerotic plaques relative to healthy segments of the same artery.

Background

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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 (AP58425) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.