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DDIT4 Rabbit pAb

货号: AYP10326

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Homo sapiens,Mus musculus
应用	WB
推荐浓度	**WB:** 1:500 - 1:1000
理论分子量	25kDa
实测分子量	32KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	A-549,DU145,U-251MG
细胞定位	Cytoplasm,Mitochondrion,cytosol
纯化	Affinity purification

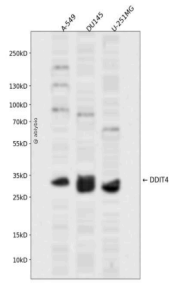
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-232 of human DDIT4 (NP_061931.1).

靶点信息

研究背景	Regulates cell growth, proliferation and survival via inhibition of the activity of the mammalian target of rapamycin complex 1 (mTORC1. Inhibition of mTORC1 is mediated by a pathway that involves DDIT4/REDD1, AKT1, the TSC1-TSC2 complex and the GTPase RHEB. Plays an important role in responses to cellular energy levels and cellular stress, including responses to hypoxia and DNA damage. Regulates p53/TP53-mediated apoptosis in response to DNA damage via its effect on mTORC1 activity. Its role in the response to hypoxia depends on the cell type; it mediates mTORC1 inhibition in fibroblasts and thymocytes, but not in hepatocytes (By similarity. Required for mTORC1-mediated defense against viral protein synthesis and virus replication (By similarity. Inhibits neuronal differentiation and neurite outgrowth mediated by NGF via its effect on mTORC1 activity. Required for normal neuron migration during embryonic brain development. Plays a role in neuronal cell death.
基因ID	54541
基因名	DDIT4
Swiss	Q9NX09 (https://www.uniprot.org/uniprotkb/Q9NX09/entry)
别名	DDIT4,Dig2,REDD-1,REDD1,DDIT4 Rabbit pAb,HIF-1 responsive protein RTP801,Protein regulated in development and DNA damage response 1,RTP801

产品验证



Western blot analysis of DDIT4 expressed in A-549,DU145,U-251MG using DDIT4 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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