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FUBP1 Rabbit mAb

货号: **AYM28734**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC FC ICC/IF
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 FC: 1:20 - 1:50
理论分子量	67kDa/68kDa
实测分子量	74kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-87MG,HeLa,HepG2,THP-1,Mouse brain
细胞定位	Nucleus
纯化	Affinity purification

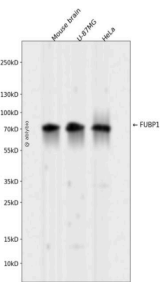
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human FUBP1.
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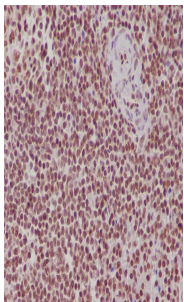
靶点信息

研究背景	The protein encoded by this gene is a single stranded DNA-binding protein that binds to multiple DNA elements, including the far upstream element (FUSE) located upstream of c-myc. Binding to FUSE occurs on the non-coding strand, and is important to the regulation of c-myc in undifferentiated cells. This protein contains three domains, an amphipathic helix N-terminal domain, a DNA-binding central domain, and a C-terminal transactivation domain that contains three tyrosine-rich motifs. The N-terminal domain is thought to repress the activity of the C-terminal domain. This protein is also thought to bind RNA, and contains 3'-5' helicase activity with in vitro activity on both DNA-DNA and RNA-RNA duplexes. Aberrant expression of this gene has been found in malignant tissues, and this gene is important to neural system and lung development. Binding of this protein to viral RNA is thought to play a role in several viral diseases, including hepatitis C and hand, foot and mouth disease. Alternative splicing results in multiple transcript variants.
基因ID	8880
基因名	FUBP1
Swiss	Q96AE4 (https://www.uniprot.org/uniprotkb/Q96AE4/entry)
别名	FUBP1,FUBP1 Rabbit mAb,DNA helicase V

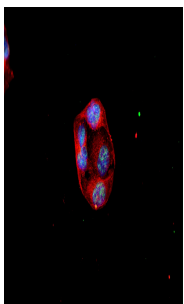
产品验证



Western blot analysis of FUBP1 expressed in Mouse brain,U-87MG,HeLa using FUBP1 Rabbit mAb at 1:100. 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.



Immunohistochemical analysis of paraffin-embedded human spleen, using FUBP1 Antibody.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab FUBP1and Rabbit actin for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat.The nuclear counter stain is DAPI.

实验步骤

