

产品名称: FMR1 Mouse Monoclonal Antibody
产品货号: AMM80722



产品概述 (Summary)

产品名称 (Production Name)	FMR1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC, ICC, ELISA
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	FMR1
别名 (Alternative Names)	POF; FMRP; POF1; FRAXA
基因 ID (Gene ID)	2332.0
蛋白 ID (SwissProt ID)	Q06787.Purified recombinant fragment of human FMR1 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000, ICC 1:200-1:1000, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	71kDa

研究背景 (Background)

FMR1, also known as POF, FMRP, FRAXA. Entrez Protein: NP_002015. It is an RNA-binding protein that associates with polyribosomes and is a likely component of a messenger ribonuclear protein (mRNP) particle. The protein may be involved

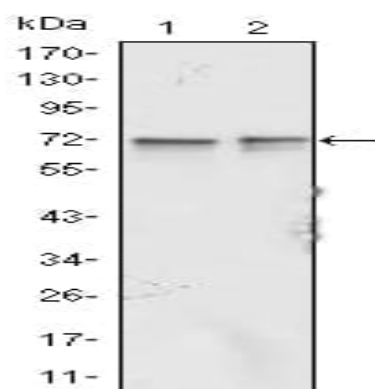
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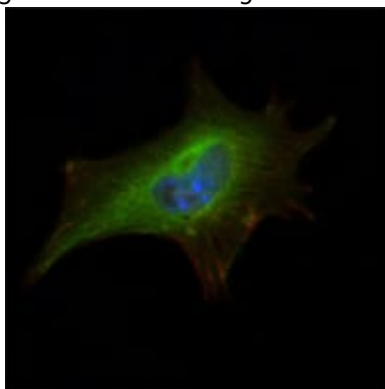
in mRNA trafficking from the nucleus to the cytoplasm. A trinucleotide repeat (CGG) in the 5' UTR is normally found at 6-53 copies, but an expansion to 55-230 repeats is the cause of fragile X syndrome. Expansion of the trinucleotide repeat may also cause one form of premature ovarian failure (POF1). RNA-binding protein that plays a role in intracellular RNA transport and in the regulation of translation of target mRNAs.

研究领域 (Research Area)

图片 (Image Data)

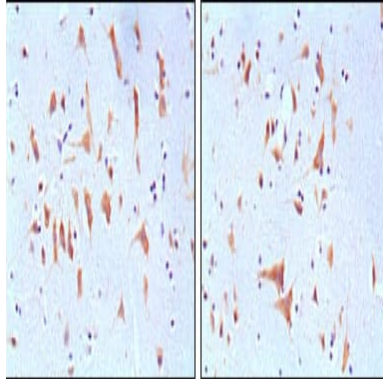


Western blot analysis using FMR1 mouse mAb against Jurkat (1) and K562 (2) cell lysate.



Immunofluorescence analysis of NIH/3T3 cells using FMR1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

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Immunohistochemical analysis of paraffin-embedded human brain tissues, showing cytoplasmic localization with DAB staining using FMR1 mouse mAb.

注意事项 (Note)

For research use only .