

Product Name: FMRP Rabbit Polyclonal Antibody
Catalog #: APRab00183



Summary

Production Name	FMRP Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	FMR1
Alternative Names	FMR1; Fragile X mental retardation protein 1; FMRP; Protein FMR-1
Gene ID	2332
SwissProt ID	Q06787.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200
Molecular Weight	Calculated MW: 71 kDa; Observed MW: 71 kDa

Background

The protein encoded by this gene binds RNA and is associated with polysomes. The encoded protein may be involved in

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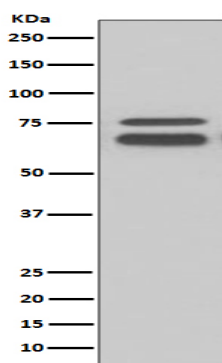


mRNA trafficking from the nucleus to the cytoplasm. A trinucleotide repeat (CGG) in the 5' UTR is normally found at 6-53 copies, but an expansion to 55-230 repeats is the cause of fragile X syndrome.

Research Area

Neuroscience

Image Data



Western blot analysis of FMRP in K562 lysates using FMRP antibody.

Note

For research use only.