



Rabbit Anti-Human FMR1 Polyclonal Antibody (DPABH-24676)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant Protein, antigen sequence: FKGNDDHSRTDNRPRNPREAKGRITTDGSLQIRVDCNNERSVHTKTLQNTSSEGSRLRTGK DRNQKKEKPDSVDGQQPLVNGVP
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen affinity purified
Conjugate	Unconjugated
Applications	IHC, WB, ICC-IF
Format	Liquid
Size	100 µl
Buffer	40% glycerol and PBS (pH 7.2).
Preservative	0.02% Sodium Azide
Storage	Store at +4°C for short term storage. Long time storage is recommended at -20°C. Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.

BACKGROUND

Introduction

The protein encoded by this gene binds RNA and is associated with polysomes. The encoded protein may be involved 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). Multiple alternatively spliced transcript variants that encode different protein isoforms and which are located in different cellular locations have been described for this gene. [provided by RefSeq, May 2010]

Keywords

FMR1; fragile X mental retardation 1; POF; FMRP; POF1; FRAXA; fragile X mental retardation protein 1;

GENE INFORMATION

Entrez Gene ID

[2332](#)

UniProt ID

[Q06787](#)