

Datasheet

FMR1 polyclonal antibody

Catalog Number: PAB29497

Regulatory Status: For research use only (RUO)

Product Description: FMR1 polyclonal antibody raised against recombinant human FMR1.

Immunogen: Recombinant protein corresponding to amino acids of human FMR1.

Sequence:

FKGNDDHSRTDNRPRNPREAKGRTTDGSLQIRVDCN
NERSVHTKTLQNTSSEGSRLRTGKDRNQKKEKPSV
DGQQPLVNGVP

Host: Rabbit

Reactivity: Human

Applications: IF, IHC-P, WB-Ce

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Antigen affinity purification

Isotype: IgG

Recommend Usage: Immunofluorescence (1-4 ug/mL)

Immunohistochemistry (1:200-1:500)

Western Blot (1:250-1:500)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2332

Gene Symbol: FMR1

Gene Alias: FMRP, FRAXA, MGC87458, POF, POF1

Gene Summary: 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). [provided by RefSeq]