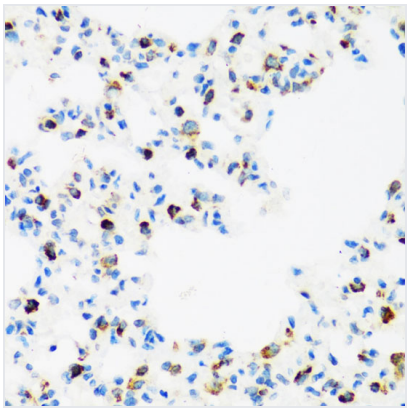
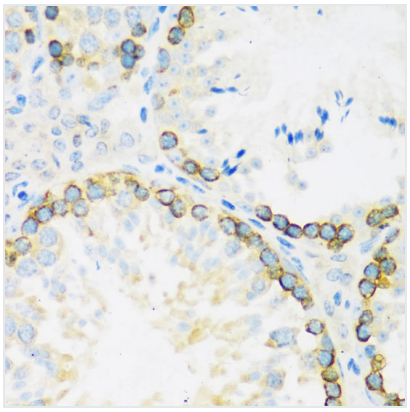
FMR1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

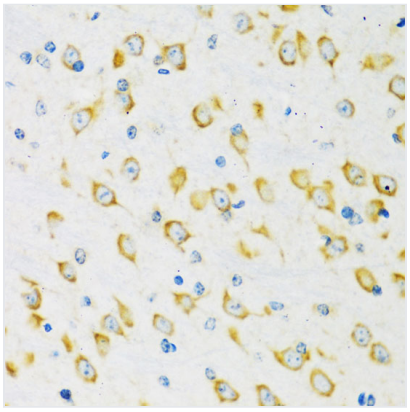
Product Name	FMR1, Polyclonal Antibody
Full Product Name	FMR1 Rabbit Polyclonal Antibody
Product Gene Name	anti-FMR1 antibody
Product Synonym Names	FMRP; FRAXA; POF; POF1; FMR1; POFX
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	632
OMIM	gene 311360
3D Structure	ModBase 3D Structure for Q06787
Immunogen	A synthetic peptide of human FMR1 (NP_002015.1).
Product Categories/Family for anti-FMR1 antibody	Primary Antibody
Applications Tested/Suitable for anti-FMR1 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Application Notes for anti-FMR1 antibody	WB: 1:500-1:1000 IHC: 1:50-1:200 IF: 1:100-1:200
Related Product Information for anti-FMR1 antibody	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.
Other Notes	Small volumes of anti-FMR1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FMR1 purchase	MBS9466019 is an antibody targeting FMR1. Also known as FMR1 Rabbit Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



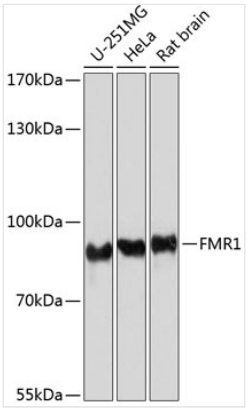
Immunohistochemistry (IHC) of anti-FMR1 antibody
Immunohistochemistry of paraffin-embedded rat lung using FMR1 at dilution of 1:100 (40x lens).



Immunohistochemistry (IHC) of anti-FMR1 antibody
Immunohistochemistry of paraffin-embedded mouse testis using FMR1 at dilution of 1:100 (40x lens).



Immunohistochemistry (IHC) of anti-FMR1 antibody
Immunohistochemistry of paraffin-embedded mouse brain using FMR1 at dilution of 1:100 (40x lens).



Western Blot (WB) of anti-FMR1 antibody
Western blot analysis of extracts of various cell lines, using FMR1 at 1:1000 dilution.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FMR1. It may not necessarily be applicable to this product.

NCBI GI #	544328
NCBI GeneID	2332
NCBI Accession #	Q06787.1
UniProt Primary Accession #	Q06787
UniProt Secondary Accession #	Q16578; Q5PQZ6; Q99054; A6NNH4; D3DWT0; D3DWT1; D3DWT2; G8JL90
UniProt Related Accession #	Q06787
NCBI Official Full Name	Fragile X mental retardation protein 1
NCBI Official Synonym Full Names	fragile X mental retardation 1
NCBI Official Symbol	FMR1
NCBI Official Synonym Symbols	POF; FMRP; POF1; FRAXA
UniProt Protein Name	Fragile X mental retardation protein 1
Protein Family	Mat- sexual cell fertilization-promoting factor
UniProt Gene Name	FMR1
UniProt Synonym Gene Names	FMRP; Protein FMR-1

UniProt Entry Name	FMR1_HUMAN
NCBI Protein Information	fragile X mental retardation protein 1
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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