Product Datasheet

FMR1 Antibody

Catalog No: #32944

Package Size: #32944-1 50ul #32944-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	FMR1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total FMR1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human FMRP (NP_001172011.1).
Target Name	FMR1
Other Names	FMRP;FRAXA;POF;POF1;FMR1;POFX
Accession No.	Uniprot:Q06787GeneID:2332
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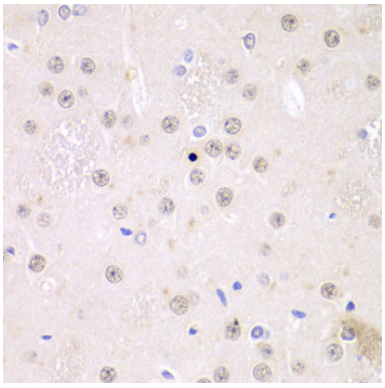
GeneID	2332
SDS-PAGE MW	85kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

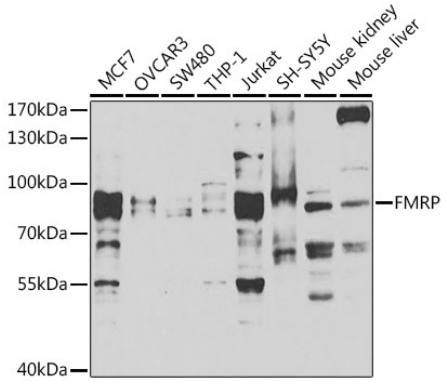
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200

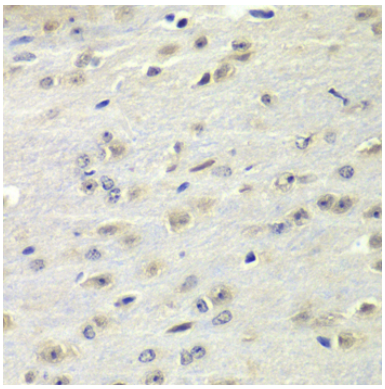
Images



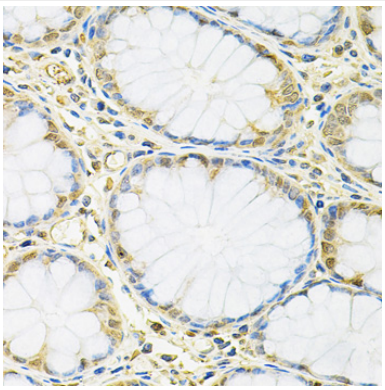
Immunohistochemistry of paraffin-embedded rat brain using FMRP Antibody.



Western blot analysis of extracts of various cell lines, using FMRP antibody.



Immunohistochemistry of paraffin-embedded mouse brain using FMRP Antibody.



Immunohistochemistry of paraffin-embedded human colon using FMRP Antibody.

Background

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.

Note: This product is for in vitro research use only