

FMR1 Rabbit Polyclonal Antibody



CAB5645

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

85kDa

Calculated MW:

58kDa/61kDa/66kDa/68kDa/
69kDa/70kDa/71kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

2332

Uniprot

Q06787

Synonyms:

FMRP; FRAXA; POF; POF1; FMR1; POFX

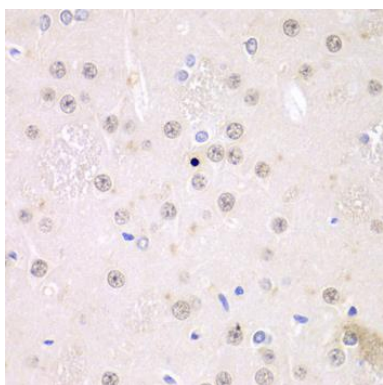
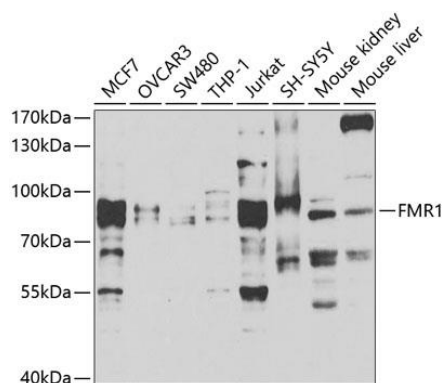
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-290 of human FMR1 (NP_001172011.1).

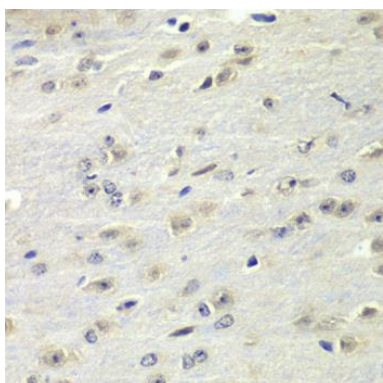
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

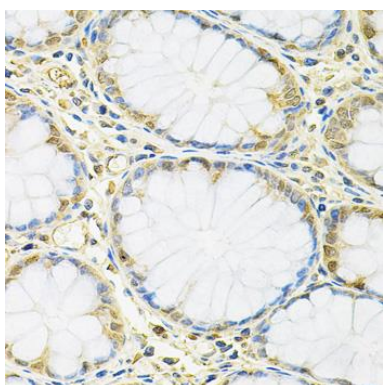
Product Images



Immunohistochemistry of paraffin-embedded rat brain using FMR1 Antibody (CAB5645) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using FMR1 Antibody (CAB5645) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human colon using FMR1 Antibody (CAB5645) at dilution of 1:100 (40x lens).