

FMR1 antibody

Product Information

Catalog No.:	FNab03172
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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.

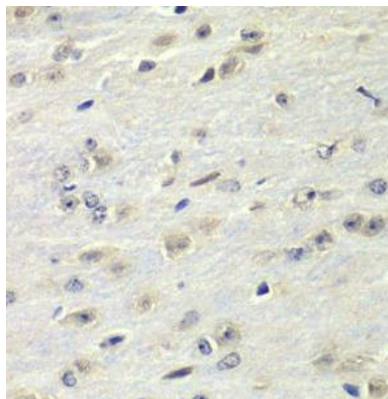
Immunogen information

Immunogen:	fragile X mental retardation 1
Synonyms:	Fragile X messenger ribonucleoprotein 1 Fragile X messenger ribonucleoprotein (FMRP) Protein FMR-1 FMR1
Observed MW:	85 kDa
Uniprot ID :	Q06787

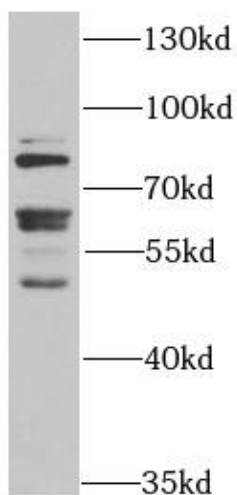
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded mouse brain using FNab03172(FMR1 antibody) at dilution of 1:100



K-562 cells were subjected to SDS PAGE followed by western blot with FNab03172(FMR1 antibody) at dilution of 1:1000