

## Product datasheet for **TA332811**

### FMRP (FMR1) Rabbit Polyclonal Antibody

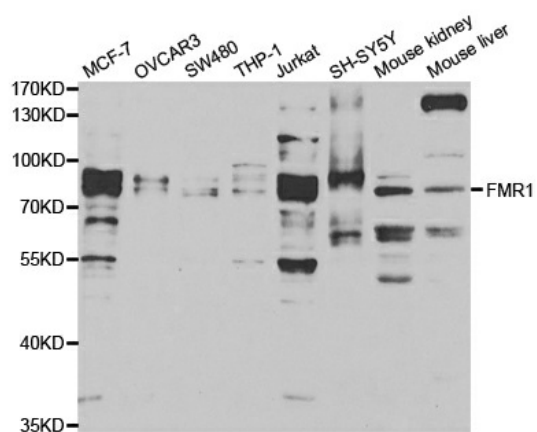
#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB 1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human FMR1
Formulation:	Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	fragile X mental retardation 1
Database Link:	<a href="#">NP_002015</a> <a href="#">Entrez Gene 14265 Mouse</a> <a href="#">Entrez Gene 24948 Rat</a> <a href="#">Entrez Gene 2332 Human</a> <a href="#">Q06787</a>
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.
Synonyms:	FMRP; FRAXA; POF; POF1; POFX
Protein Families:	Druggable Genome



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## Product images:



Western blot analysis of extracts of various cell lines, using FMR1 antibody.