

Product datasheet for **TA356089**

Fmr1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Rat
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat Homology: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	67kDa
Gene Name:	fragile X mental retardation 1
Database Link:	NP_434691 Entrez Gene 24948 Rat Q80WE1



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Background:

Fmr1 is a translation repressor. Fmr1 is a component of the CYFIP1-EIF4E-FMR1 complex which binds to the mRNA cap and mediates translational repression. In the CYFIP1-EIF4E-FMR1 complex this subunit mediates translation repression. RNA-binding protein that plays a role in intracellular RNA transport and in the regulation of translation of target mRNAs. Fmr1 is associated with polysomes. Fmr1 is involved in the transport of mRNA from the nucleus to the cytoplasm. Fmr1 binds strongly to poly(G), binds moderately to poly(U) but shows very little binding to poly(A) or poly(C).

Synonyms:

FMRP; FRAXA; MGC87458; POF; POF1

Product images:

WB Suggested Anti-Fmr1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Rat Lung