

## Product datasheet for **TA305782**

### FMRP (FMR1) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 0.1-0.3ug/ml.
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat, Dog)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-RTGKDRNQKKEKPD, from the internal region (near the C Terminus) of the protein sequence according to NP_002015.1.
Formulation:	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize freezing and thawing.
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 MouseEntrez Gene 24948 RatEntrez Gene 481070 DogEntrez Gene 2332 Human 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). [provided by RefSeq]



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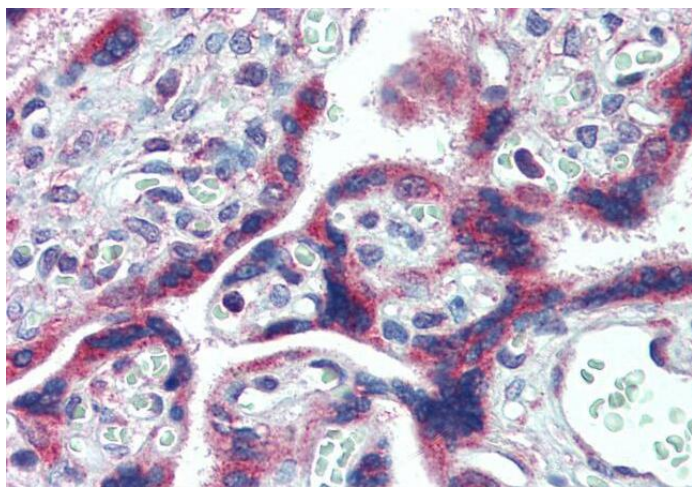
Synonyms: FMRP; FRAXA; POF; POF1; POFX

Protein Families: Druggable Genome

### Product images:



TA305782 (0.1ug/ml) staining of KELLY cell lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



TA305782 (2.5ug/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.