FMR1 rabbit monoclonal antibody

Catalog # H00002332-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human FMR1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human FMR1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human FMR1 peptide by ELISA and mammalian transfected lysate by We stern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — FMR1

Entrez GeneID	2332
GeneBank Accession#	FMR1
Gene Name	FMR1
Gene Alias	FMRP, FRAXA, MGC87458, POF, POF1
Gene Description	fragile X mental retardation 1
Omim ID	300623 300624 309550
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene binds RNA and is associated with polysomes. The encoded pr otein may be involved in mRNA trafficking from the nucleus to the cytoplasm. A trinucleotide repea t (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 pr emature ovarian failure (POF1). [provided by RefSeq
Other Designations	OTTHUMP00000024197|premature ovarian failure 1

Disease

- Ataxia
- Ataxia telangiectasia
- Attention
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Cerebellar Ataxia
- Cognition
- Cognition Disorders
- Dementia

- Disease Progression
- Essential tremor
- Fetal Diseases
- Fragile X syndrome
- Genetic Predisposition to Disease
- Genomic Instability
- Hallucinations
- Huntington disease
- Infertility
- Inhibition (Psychology)
- Intelligence Tests
- Memory
- Menopause
- Mental Disorders
- Mental Processes
- Mental Retardation
- Mental Status Schedule
- Multiple System Atrophy
- Neuropsychological Tests
- Obesity
- Olivopontocerebellar Atrophies
- Osteoporosis
- Ovarian Diseases
- Ovarian Failure
- Parkinson disease
- Parkinsonian Disorders

- Polycystic Ovary Syndrome
- Primary Ovarian Insufficiency
- Psychotic Disorders
- Puberty
- Reaction Time
- Schizophrenia
- Spinocerebellar ataxia
- Spinocerebellar Ataxias
- Spinocerebellar Degenerations
- Thrombophilia
- Tobacco Use Disorder
- Tremor