

OTX1 rabbit monoclonal antibody

Catalog # H00005013-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human OTX1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human OTX1 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 OTX1 peptide by ELISA and mammalian transfected lysate by Western 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 including 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 — OTX1

Entrez GeneID	5013
GeneBank Accession#	OTX1
Gene Name	OTX1
Gene Alias	FLJ38361, MGC15736
Gene Description	orthodenticle homeobox 1
Omim ID	600036
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the bicoid sub-family of homeodomain-containing transcription factors. The encoded protein acts as a transcription factor and may play a role in brain and sensory organ development. A similar protein in mice is required for proper brain and sensory organ development and can cause epilepsy. [provided by RefSeq]
Other Designations	homeobox protein OTX1 orthodenticle homolog 1

Disease

- [Mental Disorders](#)
- [Schizophrenia](#)