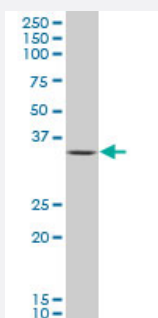


OTX1 polyclonal antibody (A01)

Catalog # H00005013-A01

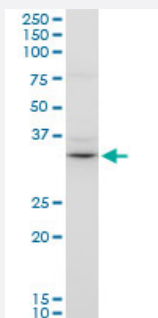
Size 50 uL

Applications



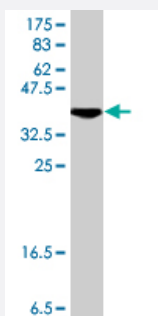
Western Blot (Cell lysate)

OTX1 polyclonal antibody (A01), Lot # MAI0060316QCS1 Western Blot analysis of OTX1 expression in Jurkat (Cat # L017V1).



Western Blot (Cell lysate)

OTX1 polyclonal antibody (A01), Lot # MAI0060316QCS1. Western Blot analysis of OTX1 expression in Raw 264.7.



Western Blot detection against Immunogen (37.88 kDa) .

Specification

Product Description

Mouse polyclonal antibody raised against a partial recombinant OTX1.

Immunogen

OTX1 (NP_055377, 10 a.a. ~ 116 a.a) partial recombinant protein with GST tag.

Sequence	YGMNGLGLAGPAMDLLHPSVGYPATPRKQRRERTTFTRSQLDVLEALFAKTRYPDIFMREEVALKI NLPESRVQVWFKNRRRAKCRQQQSGSGTKSRPAKKKSSPVR
Host	Mouse
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (97); Rat (98)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.88 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

OTX1 polyclonal antibody (A01), Lot # MAI0060316QCS1 Western Blot analysis of OTX1 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

OTX1 polyclonal antibody (A01), Lot # MAI0060316QCS1. Western Blot analysis of OTX1 expression in Raw 264.7.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — OTX1

Entrez GeneID	5013
GeneBank Accession#	NM_014562
Protein Accession#	NP_055377
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

Publication Reference

- [Murine Embryonic Stem Cell-Derived Pyramidal Neurons Integrate into the Cerebral Cortex and Appropriately Project Axons to Subcortical Targets.](#)

Ideguchi M, Palmer TD, Recht LD, Weimann JM.

Journal of Neuroscience 2010 Jan; 30(3):894.

Application: IF, Mouse, cortical pyramidal neurons

- [Expression of the homeobox genes PAX6, OTX2, and OTX1 in the early human fetal Retina.](#)

Larsen KB, Lutterodt M, Rath MF, Moller M.

International Journal of Developmental Neuroscience 2009 Aug; 27(5):485.

Application: IHC-Fr, Human, Human fetal retinae

Disease

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