



Anti-OTX1 (aa 10-116) polyclonal antibody (DPAB-DC2070)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 mouse is required for proper brain and sensory organ development and can cause epilepsy. Alternate splicing results in two transcript variants that encoded the same protein.[provided by RefSeq, Dec 2010]
Immunogen	OTX1 (NP_055377, 10 a.a. ~ 116 a.a) partial recombinant protein with GST tag. The sequence is YGMNGLGLAGPAMDLLHPSVGYPATPRKQRRERTTFTRSQLDVLEALFAKTRYPDIFMRE EVALKINLPESRVQVWFKNRRAKCRQQQQSGSGTKSRPAKKKSSPVR
Source/Host	Mouse
Species Reactivity	Human, Mouse
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	OTX1 orthodenticle homeobox 1 [Homo sapiens (human)]
Official Symbol	OTX1
Synonyms	OTX1; orthodenticle homeobox 1; homeobox protein OTX1; orthodenticle homolog 1;
Entrez Gene ID	5013
Protein Refseq	NP_001186699
UniProt ID	P32242
Chromosome Location	2p13
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription;