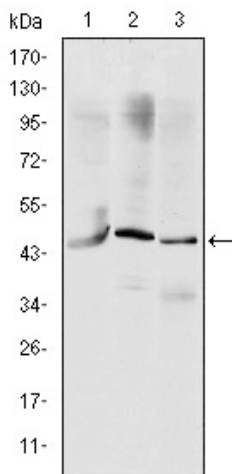
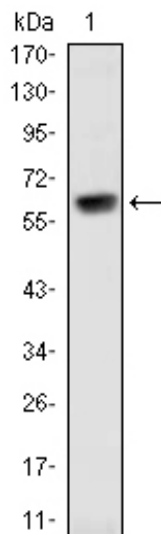




**Category:** Monoclonal Antibodies

**Product Name:** Mouse Monoclonal Antibody to OTX2

**Catalog Number:** MAB-606030218



Lot#:  
Clone#: 1H12G8B2  
Host and isotype: Mouse IgG1  
Size: 0.1ml  
MW: 32kDa  
Aliases: MCOPS5; MGC45000  
Entrez Gene: 5015  
Species reactivity: Human

Figure 1: Western blot analysis using OTX2 mouse mAb against HepG2 (1), Jurkat (2), and NTERA-2 (3) cell lysate.

Figure 2: Western blot analysis using OTX2 mAb against human OTX2 (AA: 40-297) recombinant protein. (Expected MW is 31.6 kDa)

**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 mice is required for proper forebrain development. Tissue specificity: Expressed in brain.

**Immunogen** Purified recombinant fragment of human OTX2 expressed in E. Coli.

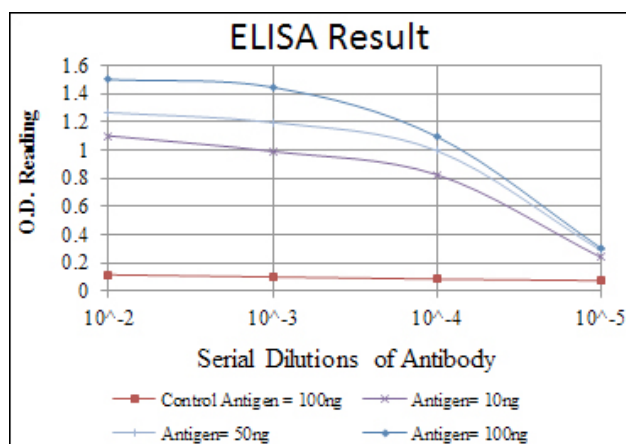
**Application** Western Blotting: 1/500 - 1/2000.  
Immunohistochemistry: 1/200 - 1/1000.  
Immunofluorescence: 1/200 - 1/1000.  
ELISA: Propose dilution 1/10000.  
Not yet tested in other applications.  
Determining optimal working dilutions by titration test.

**Formulation** Ascitic fluid containing 0.03% sodium azide.

**Storage** Store at 4°C, for long term storage, store at -20°C.

#### Related product References

- Hum Mutat. 2008 Nov;29(11):E278-83.
- Cancer Res. 2010 Jan 1;70(1):181-91.



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