

Product Name: OTX2 Mouse Monoclonal Antibody
Catalog #: AMM80992



Summary

Production Name	OTX2 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,FC,ELISA
Reactivity	Human,Mouse,Rat,Rabbit,Monkey

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	OTX2
Alternative Names	MCOPS5; MGC45000
Gene ID	5015.0
SwissProt ID	P32243.Purified recombinant fragment of human OTX2 expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,IHC:1:200-1:1000,ICC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	32kDa

Background

This gene encodes a member of the bicoid sub-family of homeodomain-containing transcription factors. The encoded

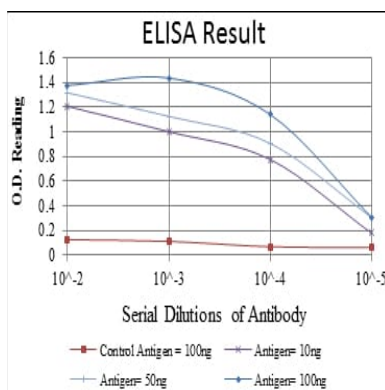
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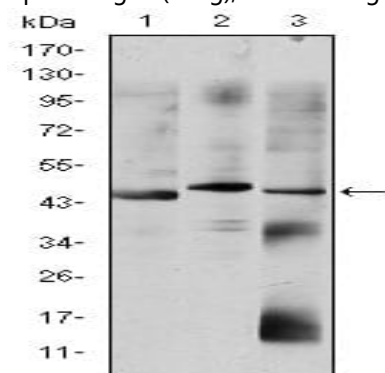
protein acts as a transcription factor and may play a role in brain and sensory organ development. A similar protein in mice is required for proper forebrain development. Tissue specificity: Expressed in brain.

Research Area

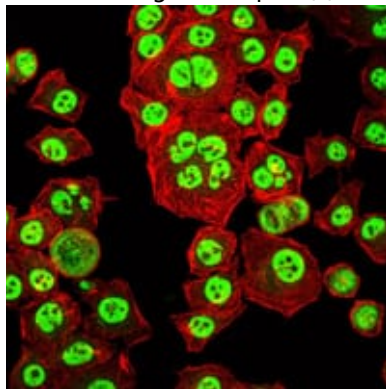
Image Data



Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);

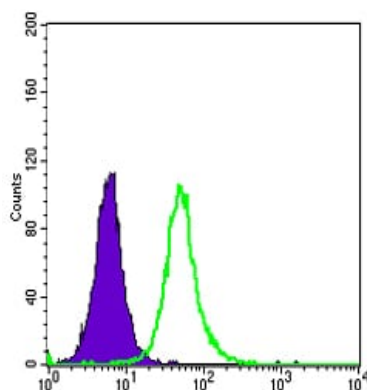


Western blot analysis using OTX2 mouse mAb against HepG2 (1), Jurkat (2), and NTERA-2 (3) cell lysate.

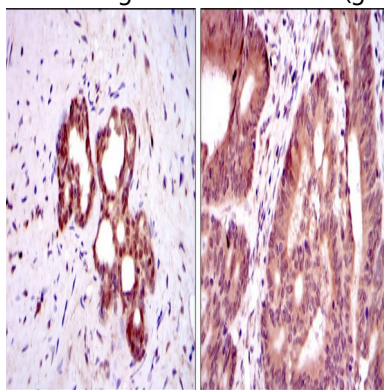


Immunofluorescence analysis of HepG2 cells using OTX2 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

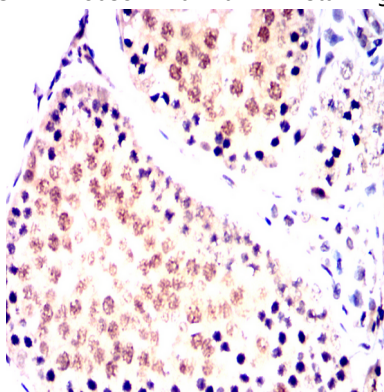
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Flow cytometric analysis of HepG2 cells using OTX2 mouse mAb (green) and negative control (purple).

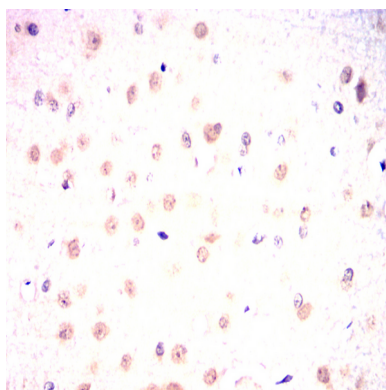


Immunohistochemical analysis of paraffin-embedded human prostate tissues (left) and colon cancer tissues (right) using OTX2 mouse mAb with DAB staining.

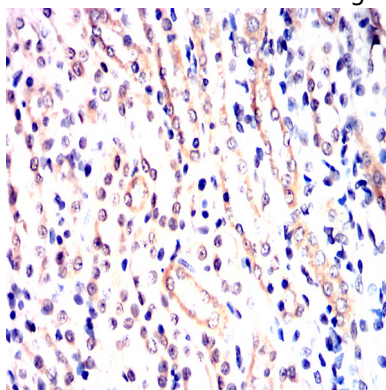


Immunohistochemical analysis of paraffin-embedded Mouse testis using OTX2 mouse mAb with DAB staining.

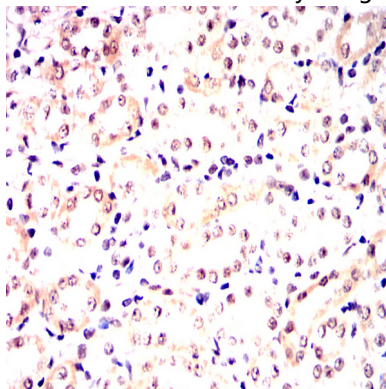
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Immunohistochemical analysis of paraffin-embedded Rat brain using OTX2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rat kidney using OTX2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rabbit kidney using OTX2 mouse mAb with DAB staining.

Note

For research use only.