

# OTX2 antibody

## Cat. No. GTX133210

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P, IHC-Fr
Reactivity	Human, Mouse, Rat

References (2) Package 100 μΙ, 25 μΙ

## Applications

#### **Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000
Not tested in other applications.	

**Calculated MW** 32 kDa. ( <u>Note</u> )

Properties	
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.97 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of mouse OTX2. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

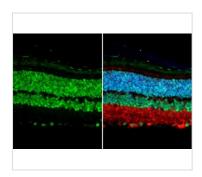


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#### DATA IMAGES



#### GTX133210 IHC-P Image

OTX2 antibody detects OTX2 protein at nucleus by immunohistochemical analysis.

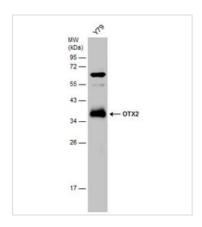
Sample: Paraffin-embedded mouse eye.

Green: OTX2 stained by OTX2 antibody (GTX133210) diluted at 1:500.

Red: beta Tubulin 3/ Tuj1, a cytoskeleton marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTX631836) diluted at 1:500.

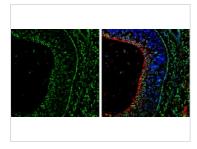
Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



### GTX133210 WB Image

Whole cell extract (37.5  $\mu$ g) was separated by 12% SDS-PAGE, and the membrane was blotted with OTX2 antibody (GTX133210) diluted at 1:1000. The signal was developed with Trident ECL plus-Enhanced.



#### GTX133210 IHC-Fr Image

OTX2 antibody detects OTX2 protein by immunohistochemical analysis.

Sample: Frozen-sectioned rat E13.5 brain.

Green: OTX2 stained by OTX2 antibody (GTX133210) diluted at 1:250.

Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT1338] (GTX631831) diluted at 1:500. Blue: Fluoroshield with DAPI (GTX30920).



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