

Datasheet for ABIN3032101
anti-OTX2 antibody (AA 261-289)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	OTX2
Binding Specificity:	AA 261-289
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OTX2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 261-289 from the human protein was used as the immunogen for this OTX2 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Zebrafish, Xenopus
Purification:	Antigen affinity purified

Target Details

Target:	OTX2
Alternative Name:	OTX2 (OTX2 Products)
Background:	This gene encodes a member of the bicoid sub-family of homeodomain-containing

Target Details

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. Two transcript variants encoding distinct isoforms have been identified for this gene. Other alternative splice variants may exist, but their full length sequences have not been determined.

UniProt: [P32243](#)

Pathways: [Dopaminergic Neurogenesis](#)

Application Details

Application Notes: Titration of the OTX2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

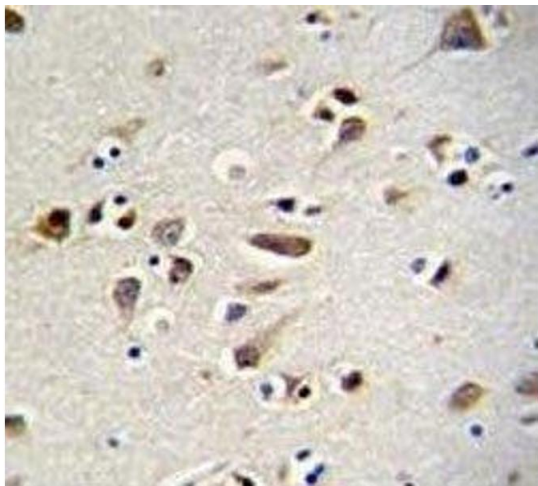
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

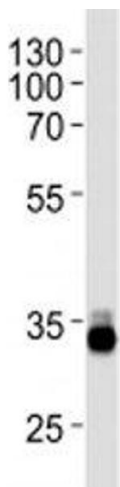
Storage: -20 °C

Storage Comment: Aliquot the OTX2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



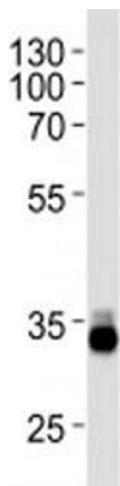
Immunohistochemistry

Image 1. OTX2 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue.



Western Blotting

Image 2. OTX2 antibody western blot analysis in Y79 lysate



Western Blotting

Image 3. OTX2 antibody western blot analysis in Y79 lysate