

Anti-OTX2 antibody (140-280) (STJ115971)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Mouse/Rat

PRODUCT PROPERTIES

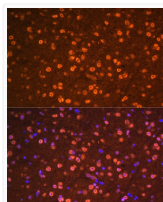
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	IHC-P:1:50-1:100 IF/CC:1:50-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 32kDa Observed Mw: Refer to figures
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

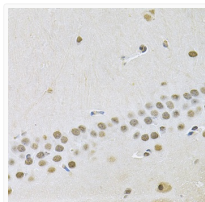
Gene ID	5015
Gene Symbol	OTX2
UniProt ID	OTX2_HUMAN
Immunogen Region	140-280
Immunogen Sequence	TPPSSTSVPTIASSAPVSI WSPASISPLSDPLSTSSSCM QRSYPMTYTQASGYSQGYAG STSYFGGMDCGSYLTPMHQ LPGPGATLSPMGNTNAVTSHL NQSPASLSTQGYGASSLGFN STTDCLDYKQDTASWKLNFN A
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 140-280 of human OTX2 (NP_068374.1).

ADDITIONAL INFORMATION

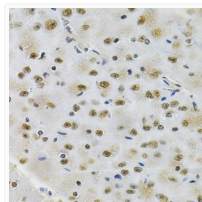
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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Immunofluorescence analysis of mouse brain cells using OTX2 antibody (STJ115971) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded mouse brain using OTX2 Antibody (STJ115971) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat brain using OTX2 Antibody (STJ115971) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.