

Rabbit OTX2 Polyclonal Antibody | anti-OTX2 antibody

OTX2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23410	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Immunohistochemistry, Western Blot

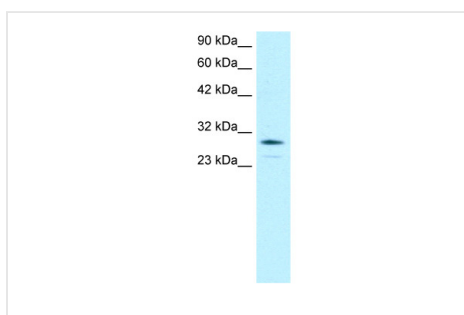
PRODUCT SYNONYMS

OTX2; Polyclonal Antibody; OTX2 antibody - N-terminal region; anti-OTX2 antibody

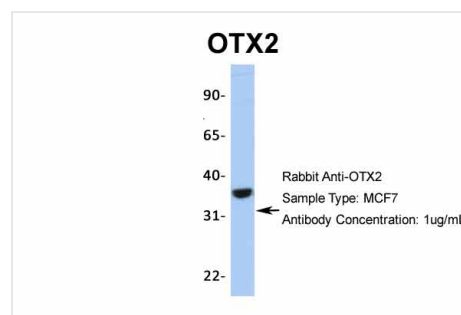
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PE SRVQVWFKNR RAKCRQQQQQ QQNGGQNKVR PAKKKTSPAR EVSSESGT
Sequence Length	297
Applicable Applications for anti-OTX2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human OTX2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

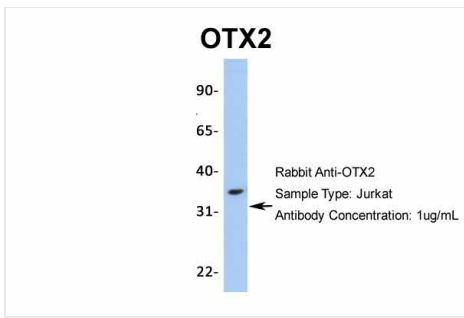
IMAGES


WB (Western Blot)

WB Suggested Anti-OTX2 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate

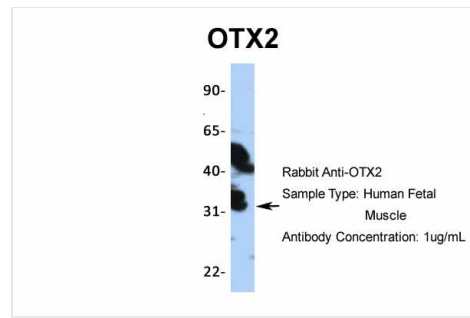

WB (Western Blot)

Host: Rabbit Target Name: OTX2 Sample Type: MCF7 Antibody Dilution: 1.0ug/ml



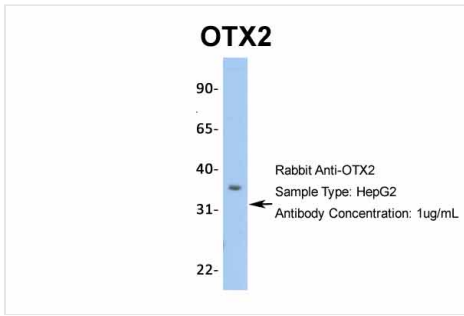
WB (Western Blot)

Host: RabbitTarget Name: OTX2Sample Type: JurkatAntibody Dilution: 1.0ug/ml



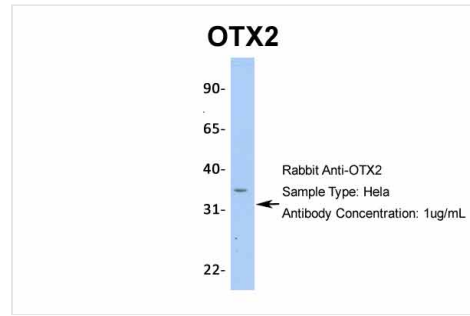
WB (Western Blot)

Host: RabbitTarget Name: OTX2Sample Type: Human Fetal MuscleAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: OTX2Sample Type: HepG2Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: OTX2Sample Type: HeLaAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-OTX2 antibody	This is a rabbit polyclonal antibody against OTX2. It was validated on Western Blot and immunohistochemistry Target Description: Homeobox protein OTX2 is a member of the bicoid sub-family of homeodomain-containing transcription factors. This 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. 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. 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.
Product Categories/Family for anti-OTX2 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Developmental Biology; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	11119420
NCBI GeneID	5015
NCBI Accession #	NP_068374
NCBI GenBank Nucleotide #	NM_021728
UniProt Accession #	P32243
Molecular Weight	32kDa
NCBI Official Full Name	homeobox protein OTX2 isoform a
NCBI Official Synonym Full Names	orthodenticle homeobox 2
NCBI Official Symbol	OTX2

NCBI Official Synonym Symbols	CPHD6; MCOPS5
NCBI Protein Information	homeobox protein OTX2
UniProt Protein Name	Homeobox protein OTX2
UniProt Gene Name	OTX2
UniProt Entry Name	OTX2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/otx2-antibody-immunohistochemistry-western-blot-elisa/23410>