

Datasheet for ABIN2780288
anti-ALX3 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	ALX3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALX3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of mouse ALX3
Sequence:	MDPERCAPFS VGPAAGPYAA AGDEAPGPQG TPDAAPHLHP APPRGPRLSR
Predicted Reactivity:	Cow: 93%, Guinea Pig: 77%, Human: 79%, Mouse: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against ALX3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	ALX3
Alternative Name:	ALX3 (ALX3 Products)

Target Details

Background:	<p>Mouse Alx3 is a homeobox gene that is related to the Drosophila aristaless gene and to a group of vertebrate genes including Prx1, Prx2, Cart1, and Alx4. The protein encoded contains a diverged variant of a conserved peptide sequence present near the carboxyl terminus of at least 15 different paired-class-homeodomain proteins. Alx3 is expressed in mouse embryos from 8 days of gestation onward in a characteristic pattern, predominantly in neural crest-derived mesenchyme and in lateral plate mesoderm.</p> <p>Protein Interaction Partner: Jdp2,</p> <p>Protein Size: 343</p>
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Molecular Weight:	38 kDa
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Gene ID:	11694
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NCBI Accession:	NM_007441 , NP_031467
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UniProt:	O70137
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 343 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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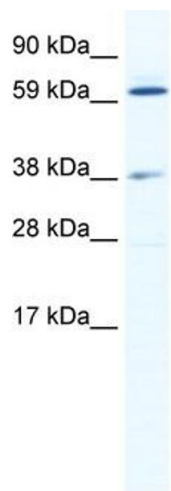
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-20 °C
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Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
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Western Blotting

Image 1. WB Suggested Anti-ALX3 Antibody Titration:
2.5ug/ml ELISA Titer: 1:1562500 Positive Control: NIH/3T3
cell lysate