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Datasheet for ABIN2777535

anti-MEOX2 antibody (N-Term)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	MEOX2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Dog, Pig, Cow, Rabbit, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEOX2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MEOX2
Sequence:	ATAQGLHPFS QSSLALHGRS DHMSYPELST SSSSCIAGY PNEEGMFASQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against MEOX2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	MEOX2
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Target Details

Alternative Name: MEOX2 ([MEOX2 Products](#))

Background: MEOX2 is a member of a subfamily of non-clustered, diverged, antennapedia-like homeobox-containing genes. MEOX2 may play a role in the regulation of vertebrate limb myogenesis. Mutations in the related mouse protein may be associated with craniofacial and/or skeletal abnormalities, in addition to neurovascular dysfunction observed in Alzheimer's disease. This gene encodes a member of a subfamily of non-clustered, diverged, antennapedia-like homeobox-containing genes. The encoded protein may play a role in the regulation of vertebrate limb myogenesis. Mutations in the related mouse protein may be associated with craniofacial and/or skeletal abnormalities, in addition to neurovascular dysfunction observed in Alzheimer's disease.

Alias Symbols: GAX, MOX2

Protein Interaction Partner: ZNF564, ZNF483, TTC39B, LOC153684, ZMAT2, ZNF417, KRT80, DYNLL2, ZNF572, AHSA2, HEXIM2, MSI2, CIB3, MRFAP1L1, IGFN1, TRIM41, KLC4, FBF1, KRTAP4-2, KRTAP4-7, MUM1, ZNF587, PGBD1, EIF1AD, HDHD2, NCALD, KRTAP9-2, TTC25, ADAMTS12, DOCK8, ZNF329, SCNM1, RMND5A

Protein Size: 303

Molecular Weight: 33 kDa

Gene ID: 4223

NCBI Accession: [NM_005924](#), [NP_005915](#)

UniProt: [Q6FHY5](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 303 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

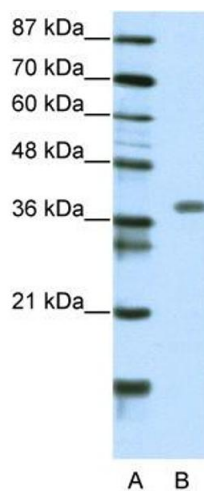
Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
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.

Publications

Product cited in:	Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in: Diagnostic microbiology and infectious disease , Vol. 55, Issue 1, pp. 55-8, (2006) (PubMed).
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Images



Western Blotting

Image 1. WB Suggested Anti-MEOX2 Antibody Titration:
2.5ug/ml Positive Control: Transfected 293T