

Alx1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12174**Specification**

Alx1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q8C8B0
Other Accession	NM_172553 , NP_766141
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig
Predicted	Human, Mouse, Rat, Pig, Horse, Bovine, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37kDa KDa

Alx1 antibody - N-terminal region - Additional Information**Gene ID** 216285**Alias Symbol** **AI314867, C130005I02, Cart1****Other Names**

ALX homeobox protein 1, Cartilage homeoprotein 1, CART-1, Alx1, Cart1

Format

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

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Alx1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Alx1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Alx1 antibody - N-terminal region - Protein Information**Name** Alx1 {ECO:0000312|MGI:MGI:104621}**Function**

Sequence-specific DNA-binding transcription factor that binds palindromic sequences within promoters and may activate or repress the transcription of a subset of genes (PubMed:12929931). Most probably regulates the expression of genes involved in the development of mesenchyme-derived craniofacial structures. Early on in development, it plays a role in forebrain mesenchyme survival (PubMed:8673125). May also induce epithelial to mesenchymal transition (EMT) through the expression of SNAI1 (By

similarity).

Cellular Location

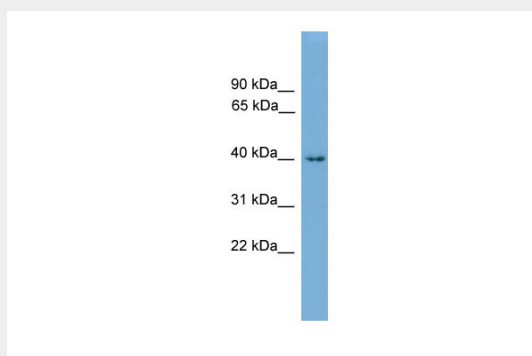
Nucleus.

Alx1 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Alx1 antibody - N-terminal region - Images



WB Suggested Anti-Alx1 Antibody Titration: 0.2-1 μ g/ml

ELISA Titer: 1:312500

Positive Control: Mouse Heart