

Alx1 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12174

Product Information

Application	WB
Primary Accession	Q8C8B0
Other Accession	NM_172553 , NP_766141
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Pig, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36931

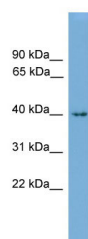
Additional Information

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.

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.

Images



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

ELISA Titer: 1:312500

Positive Control: Mouse Heart

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.