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Bapx1 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11039

Product Information

Application	WB
Primary Accession	P97503
Other Accession	NM_007524, NP_031550
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Horse, Bovine
Predicted	Rat, Zebrafish, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35167

Additional Information

Gene ID	12020
Alias Symbol	NKX3.2, Nkx-3.2, Nkx3-2, Bapx1
Other Names	Homeobox protein Nkx-3.2, Bagpipe homeobox protein homolog 1, Homeobox protein NK-3 homolog B, Nkx3-2, Bapx1, Nkx-3.2, Nkx3b
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-Bapx1 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	Bapx1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

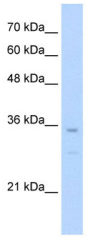
Name	Nkx3-2
Synonyms	Bapx1, Nkx-3.2, Nkx3b
Function	Transcriptional repressor that acts as a negative regulator of chondrocyte maturation. PLays a role in distal stomach development; required for proper antral-pyloric morphogenesis and development of antral-type epithelium. In concert with GSC, defines the structural components of the middle ear; required for tympanic ring and gonium development and in the regulation of the width of the malleus.
Cellular Location	Nucleus.

Tissue Location	Expressed widely in mesoderm at the gastroduodenal junction (at protein level). Expressed in visceral mesoderm and embryonic skeleton. Expression is restricted to immature proliferative chondrocytes during endochondral ossification

References

Provot,S., (2006) Development 133 (4), 651-662 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-Bapx1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Jurkat cell lysate

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