

## Bapx1 antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # Al11039

### **Specification**

## Bapx1 antibody - N-terminal region - Product Information

Application WB
Primary Accession P97503

Other Accession NM 007524, NP 031550

Reactivity Human, Mouse, Rat, Rabbit, Zebrafish,

Horse, Bovine, Dog

Predicted Rat, Zebrafish, Pig, Bovine, Dog

Host Rabbit
Clonality Polyclonal
Calculated MW 37kDa KDa

# Bapx1 antibody - N-terminal region - 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.

## Bapx1 antibody - N-terminal region - 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**

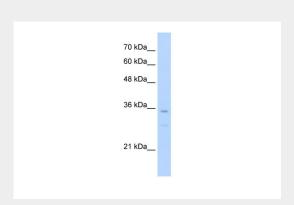
Expressed widely in mesoderm at the gastroduodenal junction (at protein level). Expressed in visceral mesoderm and embryonic skeleton. Expression is restricted to immature proliferative chondrocytes during endochondral ossification

### Bapx1 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
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# Bapx1 antibody - N-terminal region - Images



WB Suggested Anti-Bapx1 Antibody Titration: 0.2-1 μg/ml

ELISA Titer: 1:62500

Positive Control: Jurkat cell lysate

# Bapx1 antibody - N-terminal region - 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.