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## Datasheet for ABIN6991495 anti-NKX3-2 antibody (AA 180-230)



Overview

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Quantity:	0.1 mg
Target:	NKX3-2
Binding Specificity:	AA 180-230
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NKX3-2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)
Product Details	
Immunogen:	BAPX1 antibody was raised against a 19 amino acid synthetic peptide near the center of human BAPX1. The immunogen is located within amino acids 180 - 230 of BAPX1.
Isotype:	lgG
Specificity:	BAPX1 antibody is predicted not to cross-react with other NKX homeobox proteins.
Purification:	BAPX1 Antibody is affinity chromatography purified via peptide column.
Target Details	
Target:	NKX3-2
Alternative Name:	BAPX1 (NKX3-2 Products)

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## Target Details

Background:	BAPX1 Antibody: BAPX1 is the mammalian homolog of the Drosophila bagpipe homeobox gene and is expressed in the splanchnic mesoderm and embryonic skeleton. It is one of the earliest developmental markers for the sclerotome portion of the somite and the gut mesentery. BAPX1 is required for normal skeletal development, homozygous inactivating mutations in the BAPX1 gene result in spodylo-megaepiphyseal-metaphyseal dysplasia (SMMD). It has also been suggested to play a role in the proper development of the mammalian gut and is required for
	distal stomach development as part of a BARX1-dependent pathway.
Gene ID:	579
NCBI Accession:	NP_001180
UniProt:	P78367
Application Details	
Application Notes:	BAPX1 antibody can be used for detection of BAPX1 by Western blot at 1 and 2 $\mu,g/mL$
	Antibody can also be used for immunohistochemistry starting at 5 $\mu$ ,g/mL. For
	immunofluorescence start at 20 μ,g/mL.
	Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	BAPX1 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,4 °C
Storage Comment:	BAPX1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

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