

Rabbit Bapx1 Polyclonal Antibody | anti-NKX3-2 antibody

Bapx1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198132	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

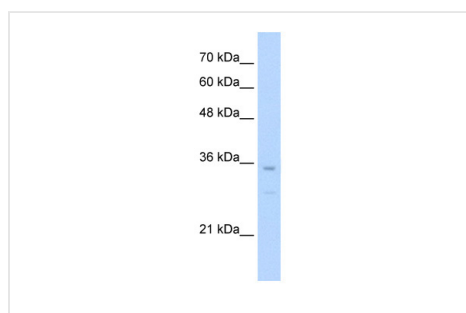
PRODUCT SYNONYMS

Bapx1; Polyclonal Antibody; Bapx1 antibody - N-terminal region; anti-NKX3-2 antibody

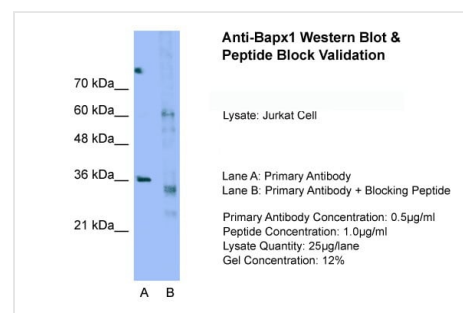
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MA VRGSGTLTPF SIQAILNKKE ERGGTATPEG RPAPGGTEVA VTAAPAVC
Sequence Length	333
Applicable Applications for anti-NKX3-2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 83%; Human: 93%; Mouse: 100%; Rabbit: 100%; Rat: 83%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of mouse Bapx1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

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


WB (Western Blot)

Host: Rabbit
Target Name: Bapx1
Sample Type: Jurkat
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody Concentration: 0.5ug/mL
Peptide Concentration: 1.0ug/mL
Lysate Quantity: 25ug/lane
Gel Concentration: 12%

ADDITIONAL INFORMATION

Related Product Information for anti-NKX3-2 antibody	This is a rabbit polyclonal antibody against Bapx1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Bapx1 acts as a negative regulator of chondrocyte maturation. The constitutive RelA activation mediated by Bapx1 controls chondrocyte viability.
Product Categories/Family for anti-NKX3-2 antibody	Polyclonal; Transcription Regulation ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	161016805
NCBI GeneID	12020
NCBI Accession #	NP_031550
NCBI GenBank Nucleotide #	NM_007524
UniProt Accession #	P97503
Molecular Weight	37kDa
NCBI Official Full Name	homeobox protein Nkx-3.2
NCBI Official Synonym Full Names	NK3 homeobox 2
NCBI Official Symbol	Nkx3-2
NCBI Official Synonym Symbols	Bapx1; NKX3.2; Nkx-3.2
NCBI Protein Information	homeobox protein Nkx-3.2
UniProt Protein Name	Homeobox protein Nkx-3.2
UniProt Gene Name	Nkx3-2
UniProt Synonym Gene Names	Bapx1; Nkx-3.2; Nkx3b
UniProt Entry Name	NKX32_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bapx1-antibody-western-blot-elisa/198132>