

## Product datasheet for **TA341748**

### Nkx3-2 Rabbit Polyclonal Antibody

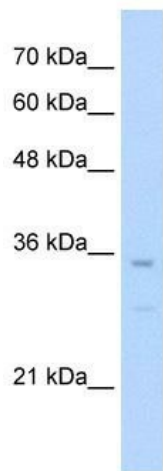
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Bapx1 antibody: synthetic peptide directed towards the N terminal of mouse Bapx1. Synthetic peptide located within the following region: MAVRGSGTLTPFSIQAILNKKEERGGLATPEGRPAPGGTEVAVTAAPAVC
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37 kDa
Gene Name:	NK3 homeobox 2
Database Link:	<a href="#">NP_031550</a> <a href="#">Entrez Gene 579 Human P97503</a>
Background:	Bapx1 acts as a negative regulator of chondrocyte maturation. The constitutive RelA activation mediated by Bapx1 controls chondrocyte viability.
Synonyms:	BAPX1; NKX3.2; NKX3B; SMMD
Note:	Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Human: 93%; Zebrafish: 85%; Rat: 83%; Horse: 83%

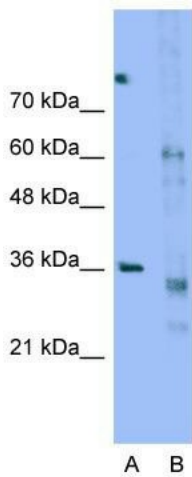


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**Product images:**



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



**Anti-Bapx1 Western Blot & Peptide Block Validation**

Lot Number: QC6191  
Lysate: Jurkat Cell

Lane A: Primary Antibody  
Lane B: Primary Antibody + Blocking Peptide

Primary Antibody Concentration: 0.5µg/ml  
Peptide Concentration: 1.0µg/ml  
Lysate Quantity: 25µg/lane  
Gel Concentration: 12%

Host: Rabbit; Target Name: Bapx1; Sample Tissue: 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%