

# Product Datasheet

## GATA-3 Antibody NBP1-51912

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-51912**

## GATA-3 Antibody

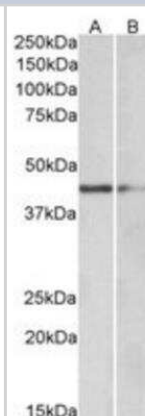
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	2625
Gene Symbol	GATA3
Species	Human, Mouse
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_001002295.1 and NP_002042.1).
Immunogen	Peptide with sequence EVTADQPRWVSHH-C corresponding to N-Terminus according to NP_001002295.1, NP_002042.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Approx. 47 kDa band observed in human tonsil, thymus, and human breast cancer lysates (calculated MW of 48 kDa band according to NP_001002295.1 and of 47.9 kDa band according to NP_002042.1). An additional band of unknown identity was also consistently observed at 20 kDa. This band was successfully blocked by incubation with the immunizing peptide. have any such results been reported with other antibodies/lysates?

**Images**

Western Blot: GATA-3 Antibody [NBP1-51912] - Ataining of Human Tonsil (A) and Mouse Kidney (B) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Marine J, Winoto A. The human enhancer-binding protein Gata3 binds to several T-cell receptor regulatory elements. Proc Natl Acad Sci U S A 1991-08-15 [PMID: 1871134]



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### Products Related to NBP1-51912

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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00002625-P02-2ug	Recombinant Human GATA-3 GST (N-Term) Protein

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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