

# Product Datasheet

## GATA-4 Antibody NBP2-16613

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-16613**

## GATA-4 Antibody

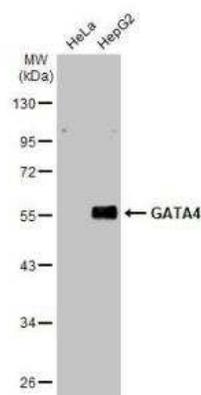
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	45 kDa

Product Description	
Host	Rabbit
Gene ID	2626
Gene Symbol	GATA4
Species	Human, Mouse
Reactivity Notes	Xenopus laevis (82%), Chicken (85%), Rat (89%)
Immunogen	Recombinant protein encompassing a sequence within the center region of human GATA-4. The exact sequence is proprietary.

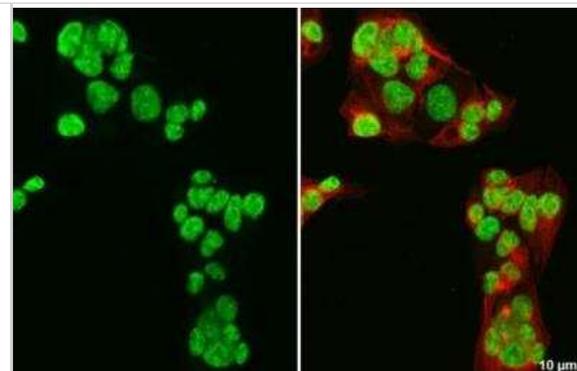
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

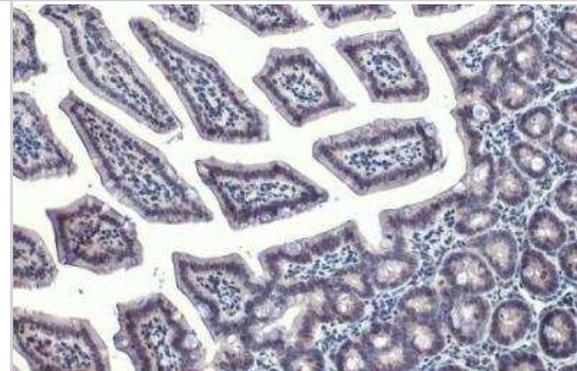
Western Blot: GATA-4 Antibody [NBP2-16613] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with GATA4 antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Immunocytochemistry/Immunofluorescence: GATA-4 Antibody [NBP2-16613] - HepG2 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: GATA4 stained by GATA4 antibody diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [114] diluted at 1:1000.



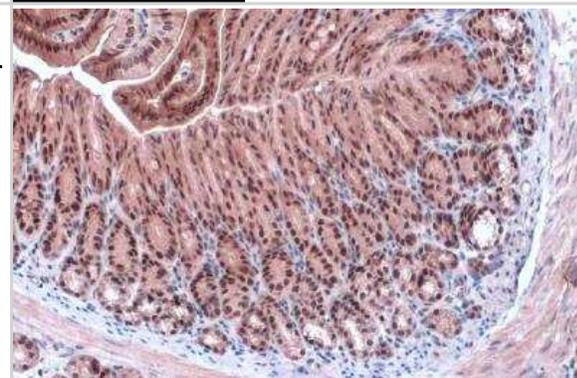
Immunohistochemistry-Paraffin: GATA-4 Antibody [NBP2-16613] - Mouse colon. GATA4 stained by GATA4 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



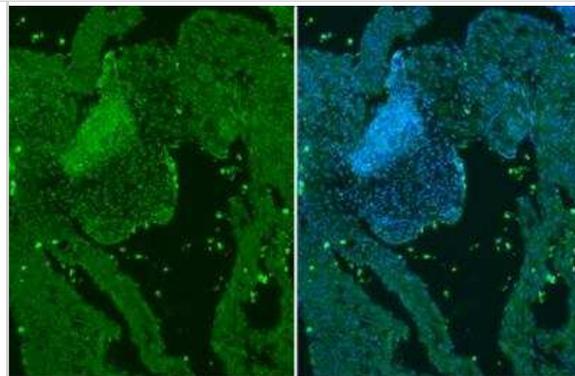
Immunocytochemistry/Immunofluorescence: GATA4 Antibody [NBP2-16613] - Analysis of paraformaldehyde-fixed HeLa, using antibody at 1:500 dilution.



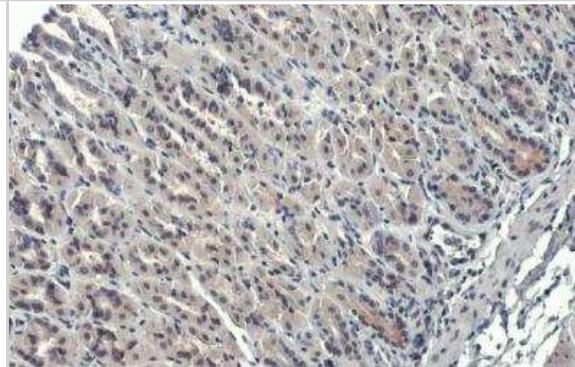
Immunohistochemistry-Paraffin: GATA-4 Antibody [NBP2-16613] - Mouse duodenum. GATA4 stained by GATA4 antibody diluted at 1:1000. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Immunohistochemistry-Paraffin: GATA-4 Antibody [NBP2-16613] - Mouse E13.5 embryo. Green: GATA4 stained by GATA4 antibody diluted at 1:250. Blue: Fluoroshield with DAPI. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Immunohistochemistry-Paraffin: GATA-4 Antibody [NBP2-16613] - Mouse stomach. GATA4 stained by GATA4 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.





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### **Products Related to NBP2-16613**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002626-Q01-10ug	Recombinant Human GATA-4 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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