

Product Datasheet

GATA-6 Antibody (OTI2B3)

NBP1-47766

Unit Size: 0.1 ml

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

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NBP1-47766**GATA-6 Antibody (OTI2B3)****Product Information**

Unit Size	0.1 ml
Concentration	0.3 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2B3
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	59.9 kDa

Product Description

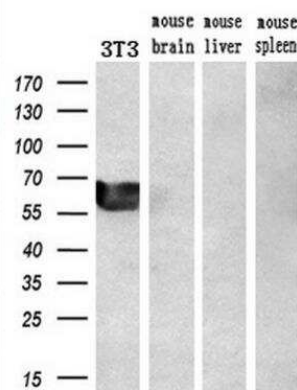
Host	Mouse
Gene ID	2627
Gene Symbol	GATA6
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Specificity/Sensitivity	This antibody is specific for Homo sapiens GATA binding protein 6 (GATA6).
Immunogen	Human recombinant protein fragment corresponding to amino acids 300-449 of human GATA6 (NP_005248) produced in E.coli.

Product Application Details

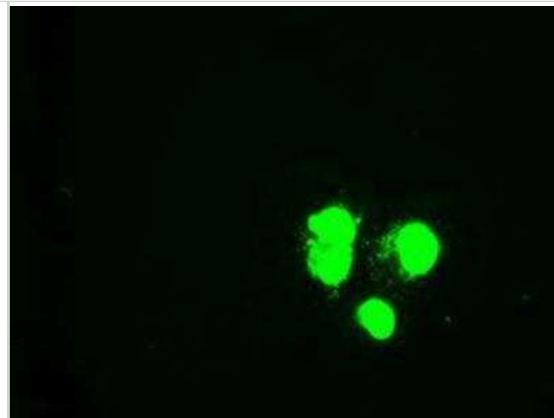
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:50-100, Immunohistochemistry-Paraffin 1:50

Images

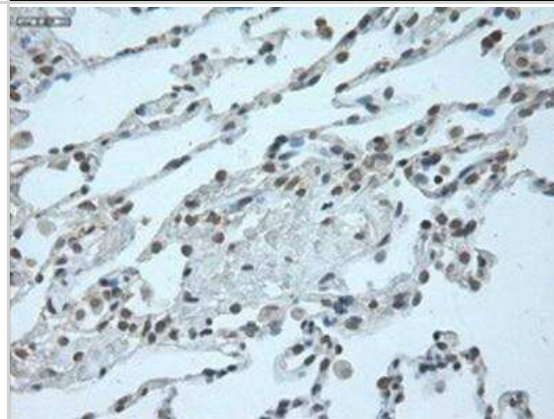
Western Blot: GATA-6 Antibody (OTI2B3) [NBP1-47766] - Analysis of extracts (10ug) from a mouse cell line and 3 different mouse tissues by using anti-GATA6 monoclonal antibody.(1:200)



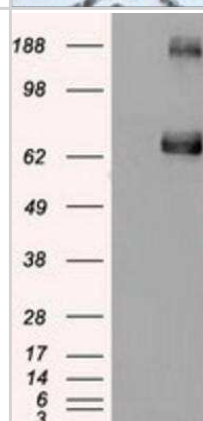
Immunocytochemistry/Immunofluorescence: GATA-6 Antibody (OTI2B3) [NBP1-47766] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Gata6.



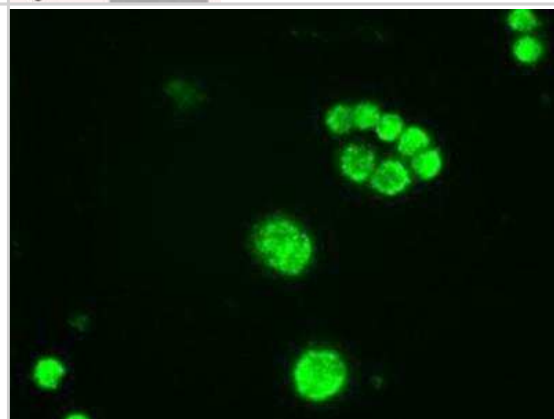
Immunohistochemistry-Paraffin: GATA-6 Antibody (OTI2B3) [NBP1-47766] - Staining of paraffin-embedded Human lung tissue using anti-Gata6 mouse monoclonal antibody.



Western Blot: GATA-6 Antibody (OTI2B3) [NBP1-47766] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Gata6 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Gata6.



Immunocytochemistry/Immunofluorescence: GATA-6 Antibody (OTI2B3) [NBP1-47766] - Staining of HT29 cells using anti-Gata6 mouse monoclonal antibody.



Publications

Peng T, Deng X, Tian F et al. The interaction of LOXL2 with GATA6 induces VEGFA expression and angiogenesis in cholangiocarcinoma Int. J. Oncol. 2019-07-15 [PMID: 31322171] (IHC-P, Human)



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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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