

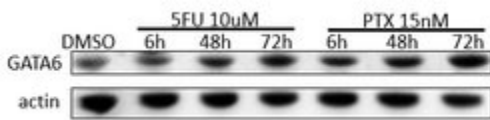
GATA6 Polyclonal Antibody

Product Details

Size	100 µg
Species Reactivity	Human, Mouse
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide sequence KYSGQDGLYIGVSLASPAE & KRFGAAGADASDSRAFPARE
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 1mg/mL BSA, 30% glycerol
Contains	0.05% sodium azide
Storage conditions	-20°C
RRID	AB_2539879

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100	-
Immunocytochemistry (ICC/IF)	1:200	1 Publication

Advanced Verification Data



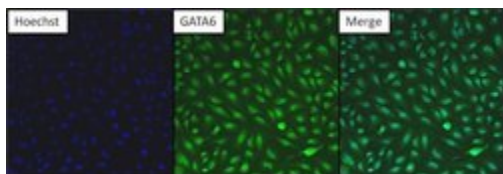
GATA6 Antibody (PA1-104)

Altered expression of proteins upon cell treatment demonstrates antibody specificity. Western blot of GATA6 using anti-GATA6 polyclonal antibody (Product # PA1-104) shows increase in expression of GATA6 upon treatment with 5FU or PTX. Cell treatment validation info.

Product Images For GATA6 Polyclonal Antibody

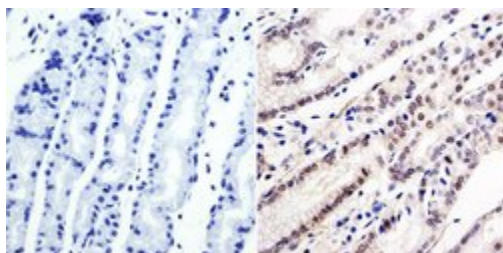
GATA6 Antibody (PA1-104) in ICC/IF

Immunofluorescent analysis of GATA6 (green) in HeLa cells. Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature. Cells were then blocked with 5% normal goat serum (Product # 31873) for 15 minutes at room temperature. Cells were then probed with a rabbit polyclonal antibody recognizing GATA6 (Product # PA1-104) at a dilution of 1:200 for at least 1 hour at 37°C. Cells were then washed with PBS and incubated with DyLight 488 goat-anti-rabbit secondary antibody at a dilution of 1:200 for 30 minutes at room temperature. Nuclei (blue) were stained with Hoechst 33342 dye (Product # 62249). Images were taken on a Thermo Scientific ArrayScan at 10X magnification.



GATA6 Antibody (PA1-104) in IHC (P)

Immunohistochemistry was performed on human stomach tissue. To expose target protein, antigen was retrieved using 10mM sodium citrate followed by microwave treatment for 8-15 minutes. Endogenous peroxidases were blocked in 3% H2O2-methanol for 15 minutes and tissues were blocked in 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with a GATA6 Rabbit polyclonal antibody (Product # PA1-104) at a dilution of 1:100 overnight in a humidified chamber. Tissues were washed in PBST and detection was performed using a secondary antibody conjugated to HRP. DAB staining buffer was applied and tissues were counterstained with hematoxylin and prepped for mounting. Images were taken at 40X magnification.



[View more figures on thermofisher.com](https://www.thermofisher.com)

1 Reference

Immunocytochemistry (1)

MethodsX

Reproducible differentiation and characterization of neurons from mouse embryonic stem cells.

"PA1-104 was used in Immunocytochemistry-immunofluorescence to describe a 16-day differentiation protocol that consistently induced differentiation of mESCs into neurons."

Authors: Saxena S, Choudhury S, Mohan KN

Species
Mouse

Dilution
1:500

Year
2020

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