

Product datasheet

Anti-GATA2 antibody - N-terminal ab173817

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Overview

Product name	Anti-GATA2 antibody - N-terminal
Description	Rabbit polyclonal to GATA2 - N-terminal
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment corresponding to Human GATA2. N-terminal truncated Human recombinant protein Database link: P23769
Positive control	NTERRA and mouse MEF cell lysates; Human prostate tissue; HeLa and U251 cells.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.05% Sodium azide Constituents: 30% Glycerol, 69% PBS, 0.1% BSA
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab173817** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

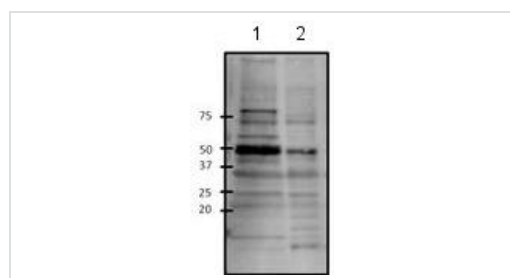
Application	Abreviews	Notes
WB		1/500. Predicted molecular weight: 51 kDa.
ICC/IF		1/20 - 1/200.

Application	Abreviews	Notes
IHC-P		1/100 - 1/400. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function	Transcriptional activator which regulates endothelin-1 gene expression in endothelial cells. Binds to the consensus sequence 5'-AGATAG-3'.
Tissue specificity	Endothelial cells.
Sequence similarities	Contains 2 GATA-type zinc fingers.
Cellular localization	Nucleus.

Images



Western blot - Anti-GATA2 antibody - N-terminal (ab173817)

All lanes : Anti-GATA2 antibody - N-terminal (ab173817) at 1/500 dilution

Lane 1 : mouse MEF cell lysate

Lane 2 : NTERRA cell lysate

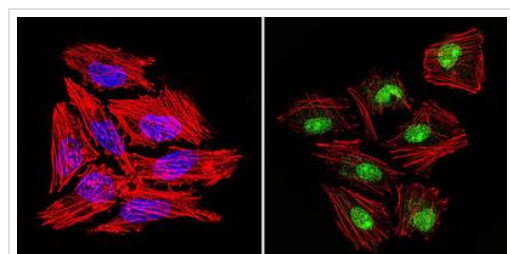
Lysates/proteins at 25 µg per lane.

Secondary

All lanes : goat anti-rabbit-HRP at 1/20000 dilution

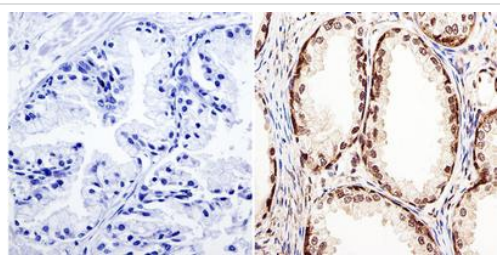
Developed using the ECL technique.

Predicted band size: 51 kDa



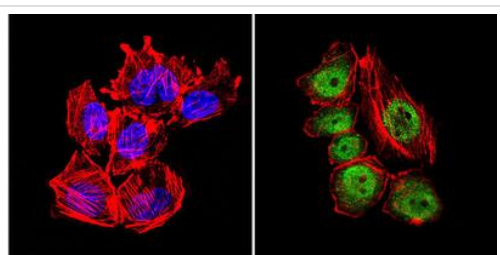
Immunocytochemistry/ Immunofluorescence - Anti-GATA2 antibody - N-terminal (ab173817)

Immunofluorescent analysis of formalin-fixed, permeabilized HeLa cells, labeling GATA2 with ab173817 at 1/200 dilution (green). Cells were washed with PBST and incubated with a DyLight-conjugated secondary antibody. F-actin (red) was stained with a fluorescent phalloidin and nuclei (blue) were stained with DAPI.



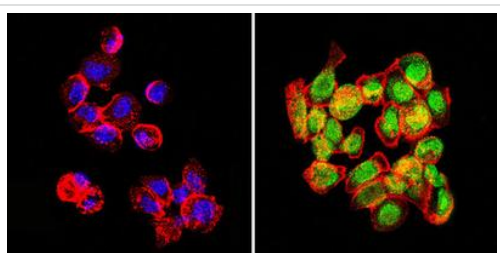
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GATA2 antibody - N-terminal (ab173817)

Immunohistochemical analysis of Human prostate tissue, labeling GATA2 with ab173817 at 1/100 dilution (right image). Detection was performed using a secondary antibody conjugated to HRP. DAB staining buffer was applied and tissues were counterstained with hematoxylin.



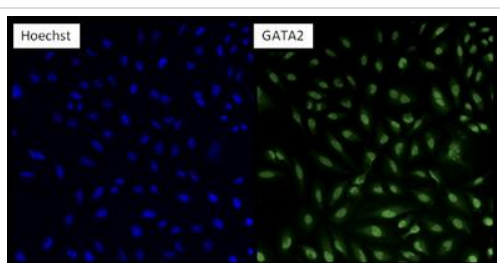
Immunocytochemistry/ Immunofluorescence - Anti-GATA2 antibody - N-terminal (ab173817)

Immunofluorescent analysis of formalin-fixed, permeabilized U251 cells, labeling GATA2 with ab173817 at 1/20 dilution (green). Cells were washed with PBST and incubated with a DyLight-conjugated secondary antibody. F-actin (red) was stained with a fluorescent phalloidin and nuclei (blue) were stained with DAPI.



Immunocytochemistry/ Immunofluorescence - Anti-GATA2 antibody - N-terminal (ab173817)

Immunofluorescent analysis of formalin-fixed, permeabilized Human cells, labeling GATA2 with ab173817 at 1/100 dilution (green). Cells were washed with PBST and incubated with a DyLight-conjugated secondary antibody. F-actin (red) was stained with a fluorescent phalloidin and nuclei (blue) were stained with DAPI.



Immunocytochemistry/ Immunofluorescence - Anti-GATA2 antibody - N-terminal (ab173817)

Immunofluorescent analysis of formalin-fixed, permeabilized HeLa cells, labeling GATA2 with ab173817 at 1/200 dilution (green). Cells were washed with PBS and incubated with a DyLight-488 conjugated secondary antibody. Nuclei (blue) were stained with Hoechst 33342 dye.

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