



Anti-Gata6 antibody ab175349

[8 References](#) [3 Images](#)

Overview

Product name	Anti-Gata6 antibody
Description	Rabbit polyclonal to Gata6
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IHC-P, WB
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide corresponding to Human Gata6 aa 561-579. Plus synthetic peptide corresponding to Human Gata6 aa 12-31 (KRFGAAGADASDSRAFPARE) Sequence: KYSQQDGLYIGVSLASPAE Database link: Q92908  Run BLAST with  Run BLAST with
Positive control	HeLa cells; Human stomach tissue; 293T, MCF7, K562 and 3T3L1 whole cell lysates.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

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 long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.05% Sodium azide Constituents: 69% PBS, 30% Glycerol (glycerin, glycerine), 0.1% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

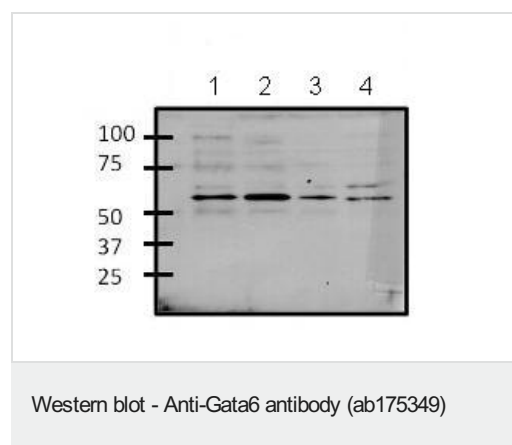
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab175349 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/200.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		1/1000. Predicted molecular weight: 60 kDa.

Target

Function	Thought to be important for regulating terminal differentiation and/or proliferation.
Tissue specificity	Expressed in heart, gut and gut-derived tissues.
Sequence similarities	Contains 2 GATA-type zinc fingers.
Domain	The GATA-type zinc fingers mediate interaction with LMCD1.
Cellular localization	Nucleus.

Images



All lanes : Anti-Gata6 antibody (ab175349) at 1/1000 dilution

Lane 1 : 293T cell lysate

Lane 2 : MCF7 cell lysate

Lane 3 : K562 cell lysate

Lane 4 : 3T3L1 cell lysate

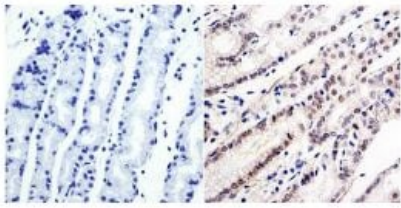
Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat anti-rabbit-HRP at 1/15000 dilution

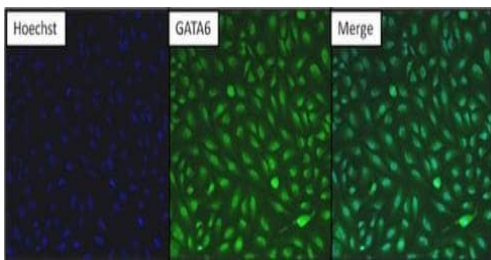
Developed using the ECL technique.

Predicted band size: 60 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Gata6 antibody (ab175349)

Immunohistochemical analysis of Human stomach tissue labeling Gata6 with ab175349 at 1/100 dilution. 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. Following labeling, 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.



Immunocytochemistry/ Immunofluorescence - Anti-Gata6 antibody (ab175349)

Immunofluorescent analysis of HeLa cells labeling Gata6 with ab175349 at 1/200 dilution (green). 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 for 15 minutes at room temperature. Following detection with the primary antibody, the 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.

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