

Product datasheet

Anti-Gas1 antibody ab236618

★★★★★ [1 Abreviews](#) [3 References](#) [4 Images](#)

Overview

Product name	Anti-Gas1 antibody
Description	Rabbit polyclonal to Gas1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human Gas1 aa 200 to the C-terminus. Database link: P54826 Run BLAST with Run BLAST with
Positive control	WB: SH-SY5Y and HEK-293 whole cell lysate. ICC/IF: HeLa cells. IHC-P: Human pancreas and skin tissue.
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	pH: 7.40 Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), PBS
Purity	Protein G purified
Purification notes	Purity >95%
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab236618 in the following tested applications.

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

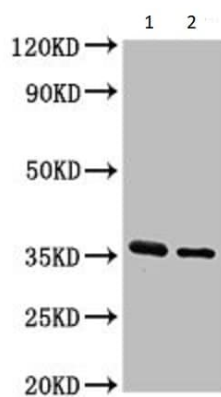
Application	Abreviews	Notes
WB		1/500 - 1/5000.
IHC-P		1/20 - 1/200.
ICC/IF		1/50 - 1/200.

Target

Function Specific growth arrest protein involved in growth suppression. Blocks entry to S phase. Prevents cycling of normal and transformed cells.

Cellular localization Cell membrane.

Images



Western blot - Anti-Gas1 antibody (ab236618)

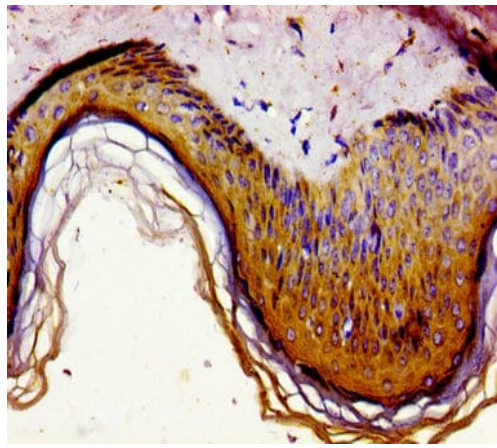
All lanes : Anti-Gas1 antibody (ab236618) at 1/500 dilution

Lane 1 : SH-SH5Y (Human neuroblastoma cell line from bone marrow) whole cell lysate

Lane 2 : HEK-293 (Human epithelial cell line from embryonic kidney) whole cell lysate

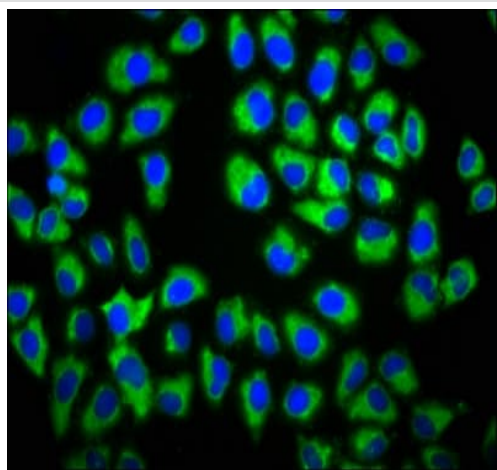
Secondary

All lanes : Goat polyclonal to rabbit IgG at 1/50000 dilution



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Gas1 antibody (ab236618)

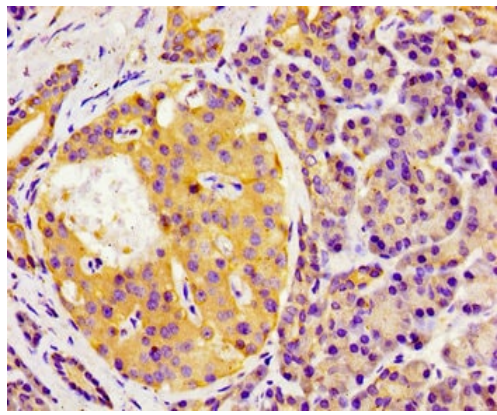
Paraffin-embedded human skin tissue stained for Gas1 with ab236618 at a 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence - Anti-Gas1 antibody (ab236618)

HeLa (Human epithelial cell line from cervix adenocarcinoma) cells stained for Gas1 (Green) using ab236618 at a 1/133 dilution in ICC/IF.

The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal goat serum. The cells were then incubated with the primary antibody overnight at 4°C. Secondary used is an Alexa-Fluor[®]488-conjugated Goat Anti-Rabbit IgG (H+L). Counterstained with DAPI.



Paraffin-embedded human pancreas tissue stained for Gas1 with ab236618 at a 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Gas1 antibody (ab236618)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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