




Product datasheet

Anti-IDH3G antibody ab118289

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Overview

Product name	Anti-IDH3G antibody
Description	Goat polyclonal to IDH3G
Host species	Goat
Specificity	ab118289 is expected to recognize both reported isoforms of IDH3G (NP_004126.1; NP_777358.1).
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Rat, Human, Pig Predicted to work with: Cow, Dog 
Immunogen	Synthetic peptide: DHLKLHSYATSIRK with a Cysteine residue linker, corresponding to internal sequence amino acids 337-350 of Human IDH3G (NP_004126.1; NP_777358.1).  Run BLAST with  Run BLAST with
Positive control	MCF7 lysate; Human, Mouse and Rat heart 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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
Purity	Immunogen affinity purified
Purification notes	ab118289 is purified from Goat serum by ammonium sulphate precipitation followed by antigen

affinity chromatography using the immunizing peptide.

Clonality

Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab118289 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		Use a concentration of 0.5 - 2 µg/ml. Detects a band of approximately 38 kDa (predicted molecular weight: 43 kDa). 1 hour primary incubation is recommended for this product.

Target

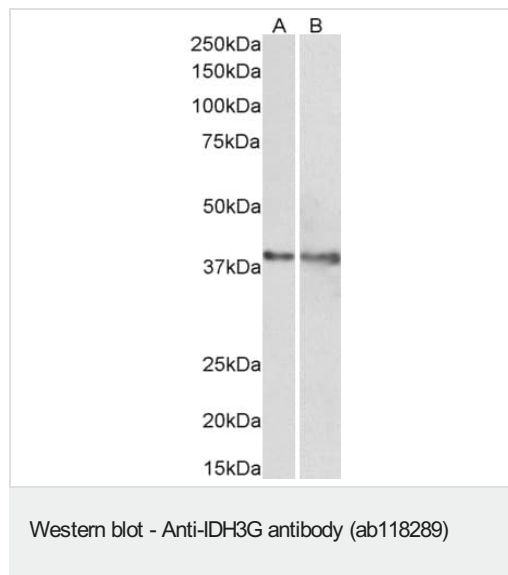
Sequence similarities

Belongs to the isocitrate and isopropylmalate dehydrogenases family.

Cellular localization

Mitochondrion.

Images



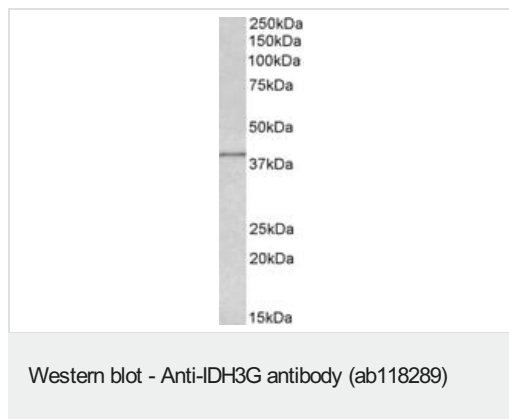
All lanes : Anti-IDH3G antibody (ab118289) at 1 µg/ml

Lane 1 : Rat heart lysate

Lane 2 : Pig heart lysate

Lysates/proteins at 35 µg per lane.

Predicted band size: 43 kDa



Anti-IDH3G antibody (ab118289) at 0.5 µg/ml + MCF7 lysate (in RIPA buffer) at 35 µg

Developed using the ECL technique.

Predicted band size: 43 kDa

Observed band size: 38 kDa

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

Our Abpromise to you: Quality guaranteed and expert technical support

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