


Product datasheet

Anti-GATAD2B antibody ab76925

3 Images

Overview

Product name	Anti-GATAD2B antibody
Description	Rabbit polyclonal to GATAD2B
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB, IP
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Rabbit, Guinea pig, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Chinese hamster 
Immunogen	Synthetic peptide corresponding to Human GATAD2B aa 50-100. Database link: NP_065750.1
Positive control	HeLa and 293T 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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Purification notes	ab76925 was affinity purified using an epitope specific to GATAD2B immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab76925 in the following tested applications.

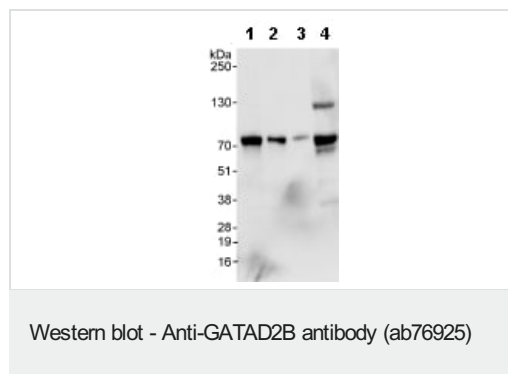
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		1/2000 - 1/10000. Predicted molecular weight: 66 kDa.
IP		Use at 2-5 µg/mg of lysate.

Target

Function	Has transcriptional repressor activity. Targets MBD3 to discrete loci in the nucleus.
Tissue specificity	Ubiquitous.
Sequence similarities	Contains 1 GATA-type zinc finger.
Domain	CR1 is required for interaction with MBD3 and transcription repression. CR2 is required for localization to discrete loci in the nucleus.
Cellular localization	Nucleus. Nuclear, in discrete foci.

Images



All lanes : Anti-GATAD2B antibody (ab76925) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

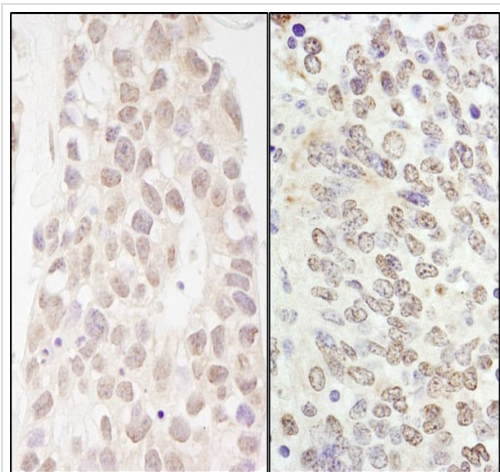
Lane 3 : HeLa whole cell lysate at 5 µg

Lane 4 : 293T whole cell lysate at 50 µg

Predicted band size: 66 kDa

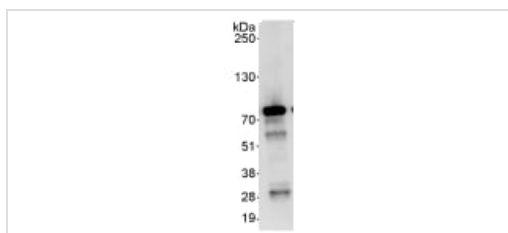
Observed band size: 72 kDa

Additional bands at: 130 kDa. We are unsure as to the identity of these extra bands.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human breast carcinoma (left) and mouse teratoma (right) tissues labelling GATAD2B with ab76925 at 1/200 (1µg/ml). Detection: DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GATAD2B antibody (ab76925)



ab76925, at 1µg/ml, staining GATAD2B in HeLa whole cell lysate immunoprecipitated using ab76925 at 3µg/mg lysate (1 mg/IP; 20% of IP loaded/lane).

Immunoprecipitation - Anti-GATAD2B antibody (ab76925)

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

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