


Product datasheet

Anti-GATA2 antibody - ChIP Grade ab22849

★★★★☆ 3 Abreviews 13 References 3 Images

Overview

Product name	Anti-GATA2 antibody - ChIP Grade
Description	Rabbit polyclonal to GATA2 - ChIP Grade
Host species	Rabbit
Tested applications	Suitable for: EMSA, ChIP, IHC-P, WB, IHC-Fr
Species reactivity	Reacts with: Human, Zebrafish Predicted to work with: Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Pig 

Immunogen

Synthetic peptide within Human GATA2 aa 58-107 (N terminal). The exact sequence is proprietary.

Sequence:

PYYANPAHARARVSYSPAHARLTGGQMCRPHLLHSPGLPWLDGGKAALSA

Database link: [P23769](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control

IHC-P: Human liver tissue. WB: K562 cell lysate.

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: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab22849** in the following tested applications.

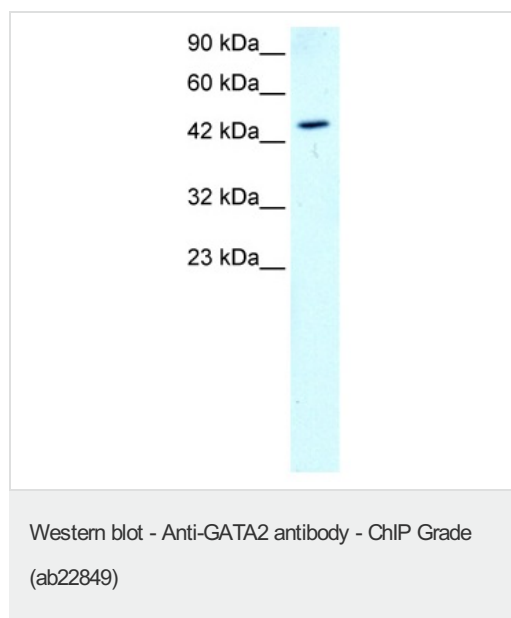
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
EMSA		Use at an assay dependent concentration. PubMed: 20599521
ChIP	★★★★☆	Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
WB	★★★★☆	Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 50 kDa (predicted molecular weight: 50 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
IHC-Fr	★★★★☆	1/1000.

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.

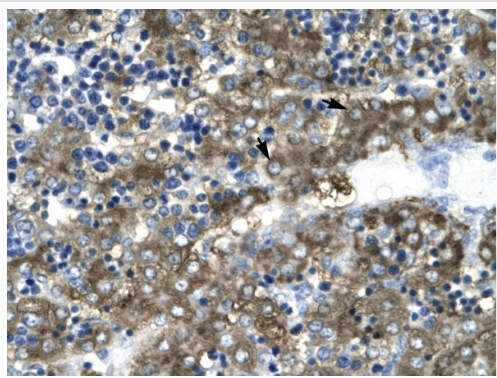
Images



Anti-GATA2 antibody - ChIP Grade (ab22849)
at 2 µg/ml + K562 (Human chronic myelogenous leukemia cell line from bone marrow) cell lysate

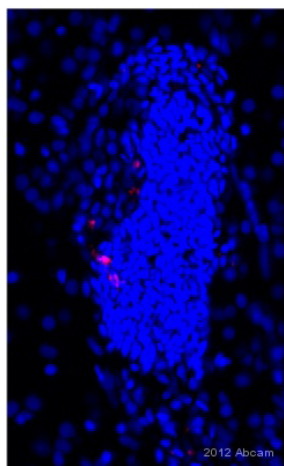
Predicted band size: 50 kDa
Observed band size: 50 kDa

Gel concentration: 12%



Immunohistochemistry (Formalin/PFA-fixed paraffin embedded sections) analysis of human liver tissue labelling GATA2 with ab22849 at a concentration of 4-8µg/ml. Arrows indicate positive labelled hepatocytes.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GATA2 antibody - ChIP Grade (ab22849)



ab22849 staining GATA2 in zebrafish nervous system by Immunohistochemistry (Frozen sections).

Tissue was fixed with paraformaldehyde and permeabilized with 0.3% Triton X-100. Samples were incubated with primary antibody (1/1000 in PBS + 0.3% Triton X-100) for 16 hours at 4°C. An AlexaFluor®555-conjugated goat anti-rabbit polyclonal IgG (1/500) was used as the secondary antibody.

Immunohistochemistry (Frozen sections) - Anti-GATA2 antibody - ChIP Grade (ab22849)

This image is courtesy of an anonymous Abreview

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