

## ARG41643 anti-GATA2 antibody

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes GATA2
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow, Rat, Dog, Gpig, Hrs, Rb
Tested Application	ChIP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GATA2
Species	Human
Immunogen	Synthetic peptide around the N-terminal region of Human GATA2. (within the following region: PYYANPAHARARVSYSPAHLRTGGQMCRPHLLHSPGLPWLDGGKAALSA)
Conjugation	Un-conjugated
Alternate Names	DCML; GATA-binding protein 2; NFE1B; IMD21; Endothelial transcription factor GATA-2; MONOMAC

### Application Instructions

Predict Reactivity Note	Predicted Homology Based On Immunogen Sequence: Cow: 100%; Dog: 100%; Guinea pig: 100%; Horse: 100%; Rabbit: 100%; Rat: 100%						
Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>ChIP</td><td>Assay-dependent</td></tr> <tr> <td>WB</td><td>1 - 2 µg/ml</td></tr> </table>	Application	Dilution	ChIP	Assay-dependent	WB	1 - 2 µg/ml
Application	Dilution						
ChIP	Assay-dependent						
WB	1 - 2 µg/ml						
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.						
Positive Control	K562						
Observed Size	~ 50 kDa						

### Properties

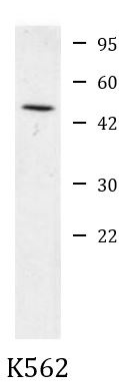
Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose

Concentration	Batch dependent: 0.5 - 1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

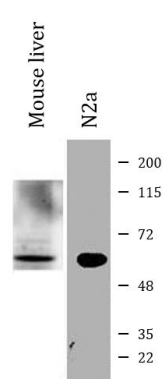
Gene Symbol	GATA2
Gene Full Name	GATA binding protein 2
Background	This gene encodes a member of the GATA family of zinc-finger transcription factors that are named for the consensus nucleotide sequence they bind in the promoter regions of target genes. The encoded protein plays an essential role in regulating transcription of genes involved in the development and proliferation of hematopoietic and endocrine cell lineages. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Mar 2009]
Function	Transcriptional activator which regulates endothelin-1 gene expression in endothelial cells. Binds to the consensus sequence 5'-AGATAG-3'. [UniProt]
Calculated Mw	51 kDa
Cellular Localization	Nucleus. [UniProt]

### Images



ARG41643 anti-GATA2 antibody WB image

Western blot: K562 cell lysate stained with ARG41643 anti-GATA2 antibody at 1 - 2 µg/ml dilution.



ARG41643 anti-GATA2 antibody WB image

Western blot: 30 µg of Mouse liver and Mouse N2a cell lysates stained with ARG41643 anti-GATA2 antibody at 1:500 dilution.