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Datasheet for ABIN6261894

## anti-GATA5 antibody (Internal Region)

### 2 Images

#### Overview

Quantity:	100 µL
Target:	GATA5
Binding Specificity:	Internal Region
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GATA5 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

#### Product Details

Immunogen:	A synthesized peptide derived from human GATA 5, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	GATA 5 Antibody detects endogenous levels of total GATA 5.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

#### Target Details

Target:	GATA5
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## Target Details

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Alternative Name: [GATA5 \(GATA5 Products\)](#)

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Background: Description: Transcription factor required during cardiovascular development (PubMed:23289003). Plays an important role in the transcriptional program(s) that underlies smooth muscle cell diversity (By similarity). Binds to the functionally important CEF-1 nuclear protein binding site in the cardiac-specific slow/cardiac troponin C transcriptional enhancer (PubMed:25543888).  
Gene: GATA5

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Molecular Weight: 41 kDa

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Gene ID: 140628

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UniProt: [Q9BWX5](#)

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## Application Details

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Application Notes: WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 mg/mL

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Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

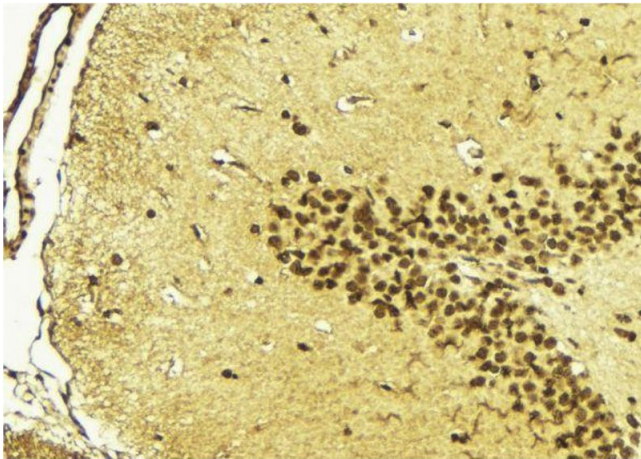
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Storage Comment: Store at -20 °C. Stable for 12 months from date of receipt.

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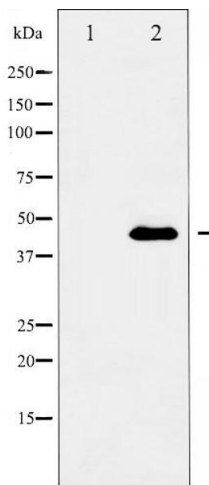
Expiry Date: 12 months

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### Immunohistochemistry

**Image 1.** ABIN6268716 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



### Western Blotting

**Image 2.** Western blot analysis of GATA 5 expression in NIH/3T3 cells, The lane on the left is treated with the antigen-specific peptide.