

ARG59674 anti-GATA5 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GATA5
Tested Reactivity	Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GATA5
Species	Human
Immunogen	Recombinant protein corresponding to M1-A397 of Human GATA5.
Conjugation	Un-conjugated
Alternate Names	bB379O24.1; GATA-binding factor 5; GATAS; Transcription factor GATA-5

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.5 µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

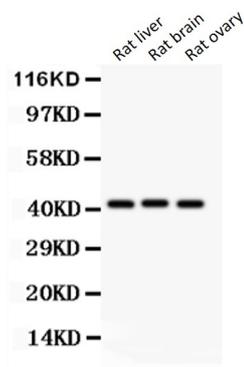
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 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	GATA5
Gene Full Name	GATA binding protein 5
Background	The protein encoded by this gene is a transcription factor that contains two GATA-type zinc fingers. The encoded protein is known to bind to hepatocyte nuclear factor-1alpha (HNF-1alpha), and this interaction is essential for cooperative activation of the intestinal lactase-phlorizin hydrolase promoter. In other organisms, similar proteins may be involved in the establishment of cardiac smooth muscle cell diversity. [provided by RefSeq, Jul 2008]
Function	Transcription factor required during cardiovascular development. 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. [UniProt]
Calculated Mw	41 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG59674 anti-GATA5 antibody WB image

Western blot: 50 µg of Rat liver, Rat brain and Rat ovary lysates stained with ARG59674 anti-GATA5 antibody at 0.5 µg/ml dilution.