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Datasheet for ABIN3031034
anti-GATA5 antibody (AA 1-397)

2 Images

Overview

Quantity:	100 µg
Target:	GATA5
Binding Specificity:	AA 1-397
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GATA5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Human partial recombinant protein (AA 1-397) was used as the immunogen for this GATA5 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	GATA5
Alternative Name:	GATA5 (GATA5 Products)
Background:	Transcription factor GATA-5, also named GATAS, is a protein that in humans is encoded by the GATA5 gene. It is mapped to 20q13.33. 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

Target Details

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. In addition, the expression of GATA5 increased in a human colon cancer cell line within two hours of exposure to sodium butyrate, which induces differentiation.

Gene ID: 140628

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the GATA5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\.
Western blot: 0.5-1 µg/mL

Restrictions: For Research Use only

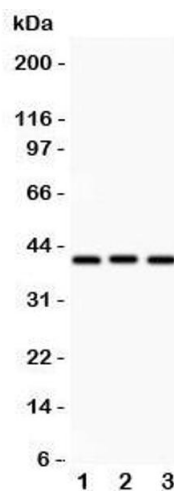
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

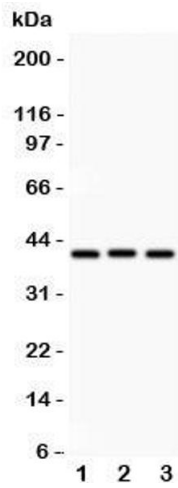
Storage Comment: After reconstitution, the GATA5 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of GATA5 antibody and Lane 1: rat liver; 2: (r) brain; 3: (r) ovary lysate. Predicted/observed size ~41KD



Western Blotting

Image 2. Western blot testing of GATA5 antibody and Lane 1: rat liver