

Datasheet for ABIN2777383
anti-GATA5 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	GATA5
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Cow, Dog, Guinea Pig, Horse, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GATA5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human GATA5
Sequence:	SAATSKAKPS LASPVCPGPS MAPQASGQED DSLAPGHLEF KFEPEDFAFP
Predicted Reactivity:	Cow: 85%, Dog: 85%, Guinea Pig: 85%, Horse: 85%, Human: 100%, Mouse: 77%, Rat: 77%, Sheep: 85%
Characteristics:	This is a rabbit polyclonal antibody against GATA5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	GATA5
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Target Details

Alternative Name:	GATA5 (GATA5 Products)
Background:	<p>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.</p> <p>Alias Symbols: bB379024.1</p> <p>Protein Interaction Partner: EP300, HNF1A, KLF2,</p> <p>Protein Size: 397</p>
Molecular Weight:	41 kDa
Gene ID:	140628
NCBI Accession:	NM_080473 , NP_536721
UniProt:	Q9BWX5

Application Details

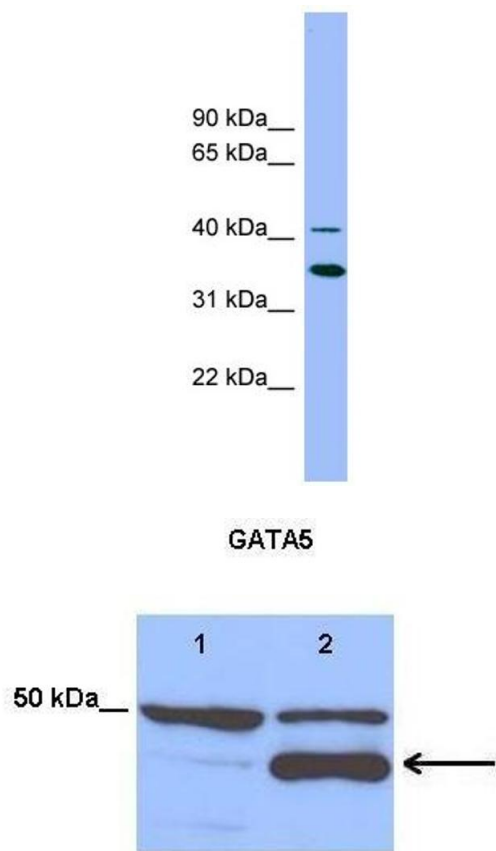
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 397 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-GATA5 Antibody Titration: 0.2-1 ug/ml Positive Control: HT1080 cell lysate

Western Blotting

Image 2. Lanes: Lane 1: 25 ug empty vector transfected H460 cell lysate Lane 2: 25 ug hGATA5 transfected H460 cell lysate Primary Antibody Dilution: 1:1200 Secondary Antibody: Anti-rabbit HRP Secondary Antibody Dilution: 1:3500 Gene Name: GATA5 Submitted by: Anonymous

See Immunoblot 2 Data and Customer Feedback for more information