

Datasheet for ABIN6971676
anti-GATA4 antibody (C-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	GATA4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GATA4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GATA-4 antibody was raised against a peptide derived from the C-terminus of human GATA-4.
Isotype:	IgG
Characteristics:	GATA-4 is a zinc finger protein and part of the GATA family of sequence specific DNA binding transcription factors that recognize a consensus DNA sequence containing GATA. GATA-4 is involved in the development of several mesodermal and endodermal structures. GATA-4 mutant mice exhibit severe heart malformations. Defects in GATA-4 are the cause of atrial septal defect type 2. ASD2 is a congenital heart malformation characterized by incomplete closure of the wall between the atria resulting in blood flow from the left to the right atria. GATA-4 also plays a role in regulating gene expression in cardiac and smooth muscle cell types. GATA-4 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Western blot, it has been shown to react with Human and Mouse samples.

Product Details

Purification: Affinity Purified

Target Details

Target: GATA4

Alternative Name: GATA-4 ([GATA4 Products](#))

Molecular Weight: 55 kDa

NCBI Accession: [NP_002043](#)

Pathways: [Peptide Hormone Metabolism](#), [Carbohydrate Homeostasis](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

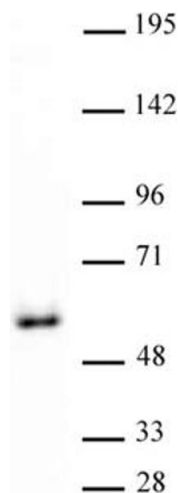
Buffer: Purified IgG in 70 mM Tris (pH 8), 105 mM NaCl, 31 mM glycine, 0.07 mM EDTA, 30 % glycerol and 0.035 % sodium azide.

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.



Western Blotting

Image 1. GATA-4 antibody (pAb) tested by Western blot. Western Blot: Nuclear extract (20 µg) of F9 cells (retinoic acid treated mouse teratocarcinoma F9 stem cell line) probed with GATA-4 antibody at a dilution of 1:2,000.