

GATA-4 Antibody

Catalog No: #21496

Package Size: #21496-1 50ul #21496-2 100ul

Description

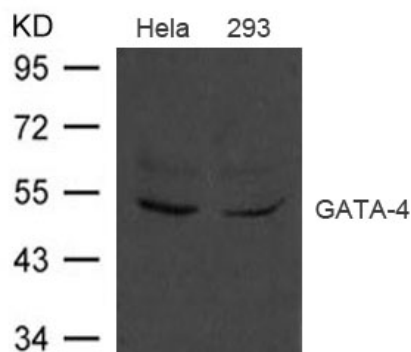
Product Name	GATA-4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total GATA-4 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.434~438(D-S-H-G-D) derived from Human GATA-4.
Conjugates	Unconjugated
Target Name	GATA-4
Other Names	MGC126629
Accession No.	Swiss-Prot: P43694 NCBI Protein: NP_002043.2
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 50kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extract from HeLa and 293 cells using GATA-4 Antibody #21496

Background

Transcriptional activator. Binds to the consensus sequence 5'-AGATAG-3'. Acts as a transcriptional activator of ANF in cooperation with NKX2-5
Garg V., Kathiriyai I.S., Barnes R., Schluterman M.K., King I.N., Butler C.A., Rothrock C.R., Eapen R.S., Hirayama-Yamada K., Joo K., Matsuoka R.,
Nature 424:443-447(2003)

Hirayama-Yamada K., Kamisago M., Akimoto K., Aotsuka H., Nakamura Y., Tomita H., Furutani M., Matsuoka R. Am. J. Med. Genet. A
135:47-52(2005)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.