

GATA-4(Phospho Ser105) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09412
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human GATA4 around the phosphorylation site of Ser105. AA range:71-120
Mol wt	44627
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Transcription factor GATA-4
Synonyms	Transcription factor GATA-4; GATA4; Transcription factor GATA-4; GATA-binding factor 4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a member of the GATA family of zinc-finger transcription factors. Members of this family recognize the GATA motif which is present in the promoters of many genes. This protein is thought to regulate genes involved in embryogenesis and in myocardial differentiation and function, and is necessary for normal testicular development. Mutations in this gene have been associated with cardiac septal defects. Additionally, alterations in gene expression have been associated with several cancer types. Alternative splicing results in multiple transcript variants.

Recommended Dilution

IHC-p: 1: 100 - 1: 300

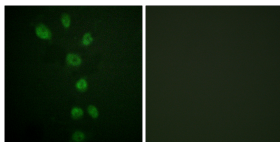
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunofluorescence analysis of HepG2 cells, using GATA4 (Phospho-Ser105) Antibody. The picture on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year