

GATA-4 (phospho Ser105) rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A14936	Rabbit	1 mg/ml	44627

Applications	IHC,IF,ELISA
Reactivity	Human,Mouse,Rat
Dilution	IHC: 1:100 - 1:300. IF: 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
Storage	-20°C/1 year
Specificity	Phospho-GATA-4 (S105) Polyclonal Antibody detects endogenous levels of GATA-4 protein only when phosphorylated at S105.
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Immunogen	The antiserum was produced against synthesized peptide derived from human GATA4 around the phosphorylation site of Ser105. AA range:71-120
Uniprot No	P43694
Alternative names	GATA4; Transcription factor GATA-4; GATA-binding factor 4
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Clonality	Polyclonal
Isotype	IgG
Conjugation	
Background	GATA binding protein 4(GATA4) Homo sapiens 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. [provided by RefSeq, Apr 2015],
Other	GATA4, Transcription factor GATA-4

Product Images:

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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