

GATA-4 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP03485

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human GATA4. AA range:71-120

Mol wt 44627

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/m

Full name GATA-4 Antibody

Synonyms 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

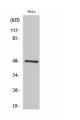
GATA4 encodes a member of the GATA family of zinc-finger transcription factors. Members of this family recognize the GATA motif which is present in the promoters of many genes. Transcription factor GATA-4 is thought to regulate genes involved in embryogenesis and in myocardial differentiation and function, and is necessary for normal testicular development. Mutations in GATA4 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

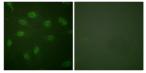
WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 20000

Not yet tested in other applications.

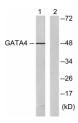
Images



Western Blot analysis of various cells using GATA-4 Polyclonal Antibody cells nucleus.



Immunofluorescence analysis of HeLa cells, using GATA4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa cells, using GATA4 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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