

## Basic Information

|                    |  |  |
|--------------------|--|--|
| Product Name       | Anti-GATA4 Antibody  |  |
| Gene Name          | GATA4  |  |
| Source             | Rabbit   |  |
| Isotype            | IgG  |  |
| Species Reactivity | human, mouse, rat  |  |
| Tested Application | WB, ICC/IF, FCM  |  |
| Contents           | 500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.             |  |
| Immunogen          | A synthesized peptide derived from human GATA4   |  |
| concentration      | 500 ug/ml  |  |
| Purification       | Affinity-chromatography  |  |
| Observed MW        | 54KD   |  |
| Dilution Ratios    | Western blot (WB): 1:500-2000<br>Immunocytochemistry/Immunofluorescence (ICC/IF): 1:20-100<br>Flow cytometry (FCM): 1:20 |  |

## Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

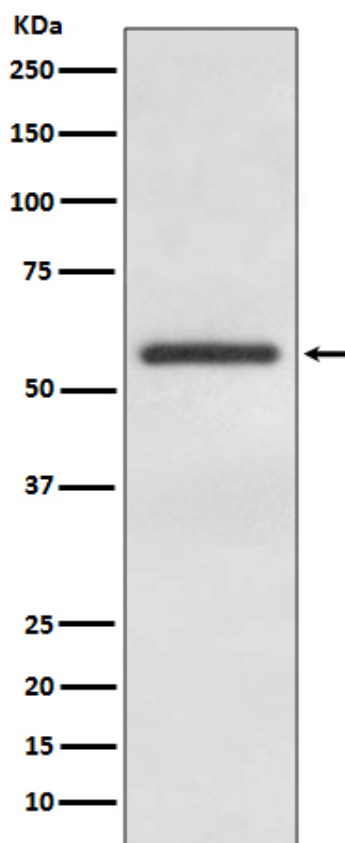
## Background Information

Transcription factor GATA-4 is a protein that in humans is encoded by the GATA4 gene. 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.

## Reference

Anti-GATA4 Antibody被引用在2文献中。

## Selected Validation Data



Western blot analysis of GATA4 expression in HeLa cell lysate.