

**Anti-Human/Mouse GATA2/3 Polyclonal Antibody****Polyclonal Antibody****Cat.NO.: PA04048**

3th Edition

**Description:**GATA3 (GATA Binding Protein 3) is a Protein Coding gene. Diseases associated with GATA3 include Hypoparathyroidism, Sensorineural Deafness, And Renal Dysplasia and Renal Dysplasia. Among its related pathways are Notch signaling pathway (KEGG) and Th2 Differentiation Pathway. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and transcription factor binding. An important paralog of this gene is GATA2. GATA2 is a transcription factor involved in stem cell maintenance with key roles in hematopoietic development. GATA2 mutations are associated with a variety of inherited and acquired immune disorders including myelodysplastic syndrome and acute myeloid leukemia. This gene encodes a member of the GATA family of zinc-finger transcription factors that are named for the consensus nucleotide sequence they bind in the promoter regions of target genes. The encoded protein plays an essential role in regulating transcription of genes involved in the development and proliferation of hematopoietic and endocrine cell lineages. Alternative splicing results in multiple transcript variants.

**Antigen:**Synthesized peptide derived from human GATA-3 around the non-phosphorylation site of S308.

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**T-cells and endothelial cells.