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35-1397: Polyclonal Antibody to GATA1 (Ab-142)

Clonality: Polyclonal Application: WB,IHC,IF

Reactivity: Human, Mouse, Rat

 Gene :
 GATA1

 Gene ID :
 2623

 Uniprot ID :
 P15976

 Format :
 Purified

Alternative Name: GAT1, GATA1, GF-1, NF-E1

Isotype: Rabbit IgG

Immunogen Information: Peptide sequence around aa.140~144 (R-L-S-P-D) derived from Human GATA1.

Description

GATA1 encodes a protein which belongs to the GATA family of transcription factors. The protein plays an important role in erythroid development by regulating the switch of fetal hemoglobin to adult hemoglobin. Mutations in this gene have been associated with X-linked dyserythropoietic anemia and thrombocytopenia.

Product Info

Amount : 50 μl / 100 μl

Content: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM

NaCl, 0.02% sodium azide and 50% glycerol.

Storage condition : Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Predicted MW: 43kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100, Immunofluorescence:

1:100~1:200

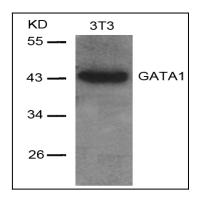


Figure 1: Western blot analysis of extracts from 3T3 cells using GATA1(Ab-142) Antibody 35-1397 .



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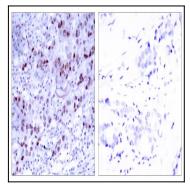


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using GATA1(Ab-142) Antibody 35-1397 (left) or the same antibody preincubated with blocking peptide(right).

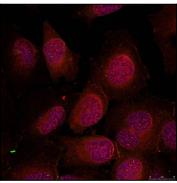


Figure 3: Immunofluorescence staining of methanol-fixed Hela cells using GATA1(Ab-142) Antibody 35-1397 .