

### 35-1398: Polyclonal Antibody to GATA1 (Ab-310)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human,Mouse,Rat
<b>Gene :</b>	GATA1
<b>Gene ID :</b>	2623
<b>Uniprot ID :</b>	P15976
<b>Format :</b>	Purified
<b>Alternative Name :</b>	GAT1, GATA1, GF-1, NF-E1
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around aa.308~312 (K-A-S-G-K) 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. Kadri Z, et al.(2005)Mol Cell Biol 2005 Sep; 25(17): 7412-22.

#### Product Info

<b>Amount :</b>	50 µl / 100 µl
<b>Content :</b>	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.
<b>Storage condition :</b>	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

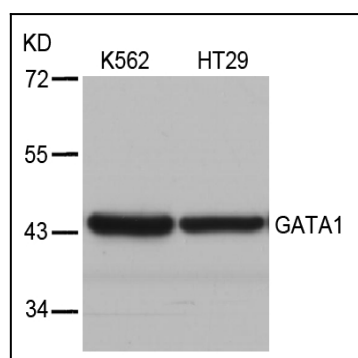


Figure 1: Western blot analysis of extracts from K562 and HT29 cells using GATA1(Ab-310) Antibody 35-1398 .