

## GATA-1(Phospho Ser142) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP15697
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GATA1 around the phosphorylation site of Ser142. AA range:109-158
<b>Mol wt</b>	42751
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, IP, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Erythroid transcription factor
<b>Synonyms</b>	Erythroid transcription factor; GATA1; ERYF1; GF1; Erythroid transcription factor; Eryf1; GATA-binding factor 1; GATA-1; GF-1; NF-E1 DNA-binding protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

This gene 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.

### Recommended Dilution

WB: 1: 500 - 1: 2000

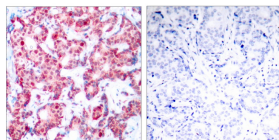
IP: 2 - 5 ug: mg

IHC-p: 1: 100 - 1: 300

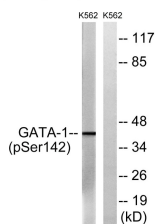
ELISA: 1: 5000

Not yet tested in other applications.

### Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using GATA1 (Phospho-Ser142) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from K562 cells, using GATA1 (Phospho-Ser142) Antibody. The lane on the right is blocked with the phospho peptide.

## Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)