



# Rabbit Anti-Human GATA1 monoclonal antibody, clone 5I26M6 (CABT-L1316)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Target	GATA1
Immunogen	Recombinant protein corresponding to amino acids 1-200 of human GATA1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	5I26M6
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS
Preservative	0.09% Sodium Azide
Storage	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

## BACKGROUND

## Introduction

Globin transcription factor (GATA) is a family of proteins that play a very important role in translating various signaling pathways which control the erythroid progenitor cells; to proliferate and differentiate. There are 6 transcription factors in the GATA family from GATA1 to GATA 6 of which GATA 1 plays a key role in the blood cell differentiation. To facilitate differentiation of red blood cells; GATA 1 along with binding to DNA also interacts with other regulatory proteins. GATA proteins have a high affinity to bind to DNA that show the [AT]GATA[AG] sequence. GATA 1 is found on the X chromosome.

## Keywords

GATA1;GATA binding protein 1 (globin transcription factor 1);GF1;GF-1;NFE1;XLTT;ERYF1;NF-E1;XLANP;XLTDA

# GENE INFORMATION

## Entrez Gene ID

[2623](#)

## UniProt ID

[P15976](#)