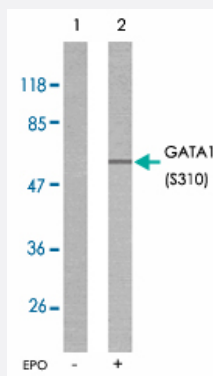


GATA1 (phospho S310) polyclonal antibody

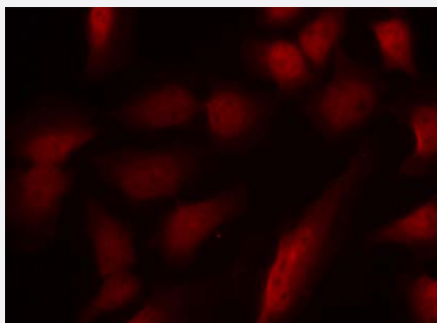
Catalog # PAB25263 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from COS7 cells untreated or treated with EPO using GATA1 (phospho S310) polyclonal antibody (Cat # PAB25263).



Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using GATA1 (phospho S310) polyclonal antibody (Cat # PAB25263).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of GATA1.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S310 of human GATA1.
Sequence	K-A-Sp-G-K
Host	Rabbit
Theoretical MW (kDa)	43
Reactivity	Human, Mouse, Rat

Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunofluorescence (1:100-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg ²⁺ and Ca ²⁺), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from COS7 cells untreated or treated with EPO using GATA1 (phospho S310) polyclonal antibody (Cat # PAB25263).

- Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using GATA1 (phospho S310) polyclonal antibody (Cat # PAB25263).

Gene Info — GATA1

Entrez GeneID	2623
Protein Accession#	P15976
Gene Name	GATA1
Gene Alias	ERYF1, GF-1, GF1, NFE1
Gene Description	GATA binding protein 1 (globin transcription factor 1)
Omim ID	190685 300367 305371
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

GATA binding protein 1|NF-E1 DNA-binding protein|OTTHUMP00000023259|erythroid transcription factor 1|globin transcription factor 1|transcription factor GATA1

Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Down Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Leukemia](#)
- [Myeloproliferative Disorders](#)
- [Neuroblastoma](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Thrombocythemia](#)