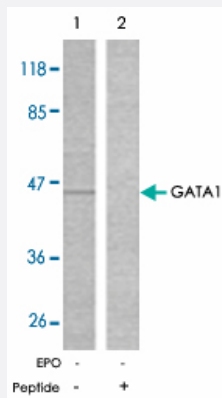


GATA1 polyclonal antibody

Catalog # PAB26629 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from COS-7 cells using GATA1 polyclonal antibody (Cat # PAB26629).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of GATA1.
Immunogen	A synthetic peptide corresponding to residues surrounding S310 of human GATA1.
Sequence	K-A-Sp-G-K
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) 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 COS-7 cells using GATA1 polyclonal antibody (Cat # PAB26629).

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](#)