



GATA-2/3 Monoclonal Antibody

Catalog No	YP-mAb-01744
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GATA2/GATA3
Immunogen	The antiserum was produced against synthesized peptide derived from human GATA3. AA range:274-323
Specificity	GATA-2/3 Monoclonal Antibody detects endogenous levels of GATA-2/3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NFE1B;GATA-binding protein 2;GATA binding protein 2;Endothelial transcription factor GATA-2;GATA-2/3;GATA2/GATA3;rans-acting T-cell-specific transcription factor GATA-2/3;GATA3;Trans-acting T-cell-specific transcription factor GATA-3; GATA-binding factor 3;GATA2
Observed Band	48kD
Calculated Molecular Weight	48kD
Cell Pathway	Nucleus.
Tissue Specificity	T-cells and endothelial cells.
Function	disease:Defects in GATA3 are the cause of hypoparathyroidism with sensorineural deafness and renal dysplasia (HDR) [MIM:146255]; also known as Barakat syndrome.,function:Transcriptional activator which binds to the enhancer of the T-cell receptor alpha and delta genes. Binds to the consensus sequence 5'-AGATAG-3'.,similarity:Contains 2 GATA-type zinc fingers.,tissue specificity:T-cells and endothelial cells.,



Background

This gene encodes a protein which belongs to the GATA family of transcription factors. The protein contains two GATA-type zinc fingers and is an important regulator of T-cell development and plays an important role in endothelial cell biology. Defects in this gene are the cause of hypoparathyroidism with sensorineural deafness and renal dysplasia. [provided by RefSeq, Nov 2009],

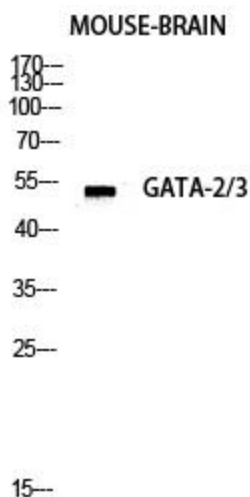
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using GATA-2/3 Monoclonal Antibody