

Datasheet for ABIN1531600
anti-GATA2 antibody (pSer401)



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1 Image

Overview

Quantity:	100 µL
Target:	GATA2
Binding Specificity:	AA 367-416, pSer401
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GATA2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human GATA2 around the phosphorylation site of Ser401.
Isotype:	IgG
Specificity:	GATA2 (Phospho-Ser401) Antibody detects endogenous levels of GATA2 only when phosphorylated at Ser401. PhosphorylationH:S401
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

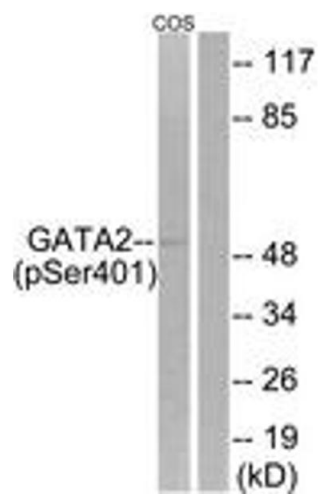
Target:	GATA2
Alternative Name:	GATA2 (GATA2 Products)
Background:	Synonyms: Endothelial transcription factor GATA-2, GATA binding protein 2 NCBI Gene Symbol: GATA2
Molecular Weight:	50 kDa
Gene ID:	2624
OMIM:	137295
UniProt:	P23769
Pathways:	Stem Cell Maintenance

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:1000
Comment:	Unigene-Number: Hs.367725 (NCBI Gene Symbol: GATA2)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from COS7 cells treated with TNF 20ng/ml 5', using GATA2 (Phospho-Ser401) Antibody. The lane on the right is treated with the synthesized peptide.