

Rabbit GATA4 Polyclonal Antibody | anti-GATA4 antibody

GATA4 Antibody (C-term)

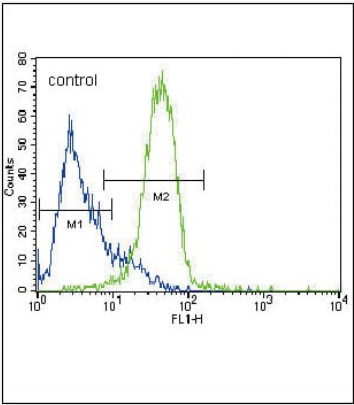
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290349	Rabbit	Human (Predicted Reactivity: Xenopus, Mouse, Rat)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

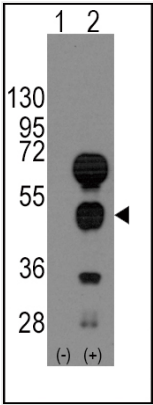
GATA4; Polyclonal Antibody; GATA4 Antibody (C-term); Transcription factor GATA-4; GATA-binding factor 4; anti-GATA4 antibody

PRODUCT SPECIFICATIONS

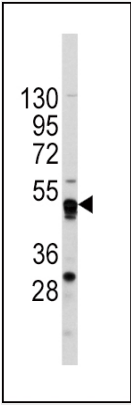
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Xenopus, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GATA4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 298-328 amino acids from the C-terminal region of human GATA4.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	298-328
Sequence Length	443
Applicable Applications for anti-GATA4 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
GATA4 Antibody (C-term) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of GATA4 (arrow) using rabbit polyclonal GATA4 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the GATA4 gene (Lane 2) (Origene Technologies).



WB (Western Blot)
Western blot analysis of anti-GATA4 Antibody (C-term) in CEM cell line lysates (35ug/lane). GATA4(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GATA4 antibody	GATA4 is a member of the GATA family of zinc-finger transcription factors. Members of this family recognize the GATA motif which is present in the promoters of many genes. This protein is thought to regulate genes involved in embryogenesis and in myocardial differentiation and function. Mutations in the gene encoding GATA4 have been associated with cardiac septal defects.
Product Categories/Family for anti-GATA4 antibody	Cancer; Cardiovascular; Developmental Biology; Signal Transduction
References	Rajagopal,S.K., J. Mol. Cell. Cardiol. 43 (6), 677-685 (2007) Philips,A.S., J. Biol. Chem. 282 (34), 24915-24927 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	33188461
NCBI GeneID	2626
NCBI Accession #	NP_002043.2
NCBI GenBank Nucleotide #	NM_002052.4
UniProt Accession #	P43694; Q3MJ45; Q5IFM8; B7ZKX0; B7ZKZ4
Molecular Weight	44565

NCBI Official Full Name	transcription factor GATA-4 isoform 2
NCBI Official Synonym Full Names	GATA binding protein 4
NCBI Official Symbol	GATA4
NCBI Official Synonym Symbols	TOF; ASD2; VSD1; TACHD
NCBI Protein Information	transcription factor GATA-4
UniProt Protein Name	Transcription factor GATA-4
UniProt Gene Name	GATA4
UniProt Entry Name	GATA4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gata4-antibody-flow-cytometry-western-blot-elisa/290349>