

Rabbit GATA3 Polyclonal Antibody | anti-GATA3 antibody

GATA3 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284775	Rabbit	Human, mouse (Predicted Reactivity: Chicken)	ELISA, Western Blot

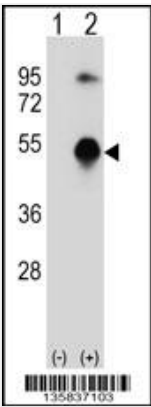
PRODUCT SYNONYMS

GATA3; Polyclonal Antibody; GATA3 Antibody (Center); Trans-acting T-cell-specific transcription factor GATA-3; GATA-binding factor 3; anti-GATA3 antibody

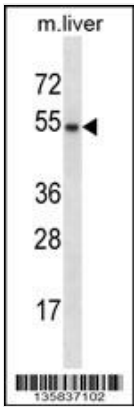
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Chicken)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GATA3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 235-263 amino acids from the Central region of human GATA3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	235-263
Sequence Length	444
Applicable Applications for anti-GATA3 antibody	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.

IMAGES



WB (Western Blot)
Western blot analysis of GATA3 (arrow) using rabbit polyclonal GATA3 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the GATA3 gene.



WB (Western Blot)
GATA3 Antibody (Center) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the GATA3 antibody detected the GATA3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GATA3 antibody	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.
Product Categories/Family for anti-GATA3 antibody	Developmental Biology; Immunology; Signal Transduction
References	Cook, K.D., et al. J. Immunol. 185(6):3209-3216(2010) Schuurhof, A., et al. Pediatr. Pulmonol. 45(6):608-613(2010) Kemp, K.L., et al. J. Immunol. 184(8):4178-4184(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Yao, X., et al. Chin. Med. J. 123(6):739-744(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	50541959
NCBI GeneID	2625
NCBI Accession #	NP_001002295.1; NP_002042.1
NCBI GenBank Nucleotide #	NM_001002295.1
UniProt Accession #	P23771; Q5VWG7; Q5VWG8; Q96J16
Molecular Weight	47916
NCBI Official Full Name	trans-acting T-cell-specific transcription factor GATA-3 isoform 1
NCBI Official Synonym Full Names	GATA binding protein 3
NCBI Official Symbol	GATA3
NCBI Official Synonym Symbols	HDR; HDRS
NCBI Protein Information	trans-acting T-cell-specific transcription factor GATA-3
UniProt Protein Name	Trans-acting T-cell-specific transcription factor GATA-3
UniProt Gene Name	GATA3

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://www.aaabiotech.com/polyclonal/gata3-antibody-western-blot-elisa/284775>