

Rabbit Trans-acting T-cell-specific transcription factor GATA-3 Polyclonal Antibody | anti-GATA3 antibody

Anti-GATA3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46068	Rabbit	Human, Rat. No cross reactivity with other proteins.	Western Blot

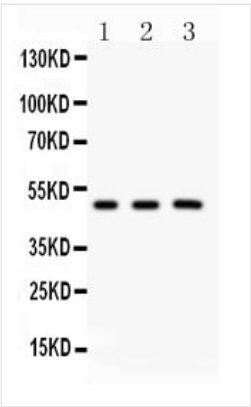
PRODUCT SYNONYMS

Trans-acting T-cell-specific transcription factor GATA-3; Polyclonal Antibody; Anti-GATA3 Antibody; GATA 3 antibody; GATA binding factor 3 antibody; GATA binding protein 3 antibody; GATA-binding factor 3 antibody; Gata3 antibody; GATA3_HUMAN antibody; HDR antibody; HDRS antibody; MGC2346 antibody; MGC5199 antibody; MGC5445 antibody; Trans acting T cell specific transcription factor GATA 3 antibody; Trans-acting T-cell-specific transcription factor GATA-3 antibody; GATA binding protein 3; anti-GATA3 antibody

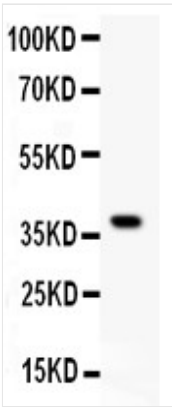
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	444
Applicable Applications for anti-GATA3 antibody	WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human GATA3 recombinant protein (Position: M1-E197). Human GATA3 shares 95% amino acid (aa) sequence identity with mouse GATA3.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti- GATA3 antibody, AAA46068, Western blottingAll lanes: Anti GATA3 (AAA46068) at 0.5ug/mlLane 1: Rat Brain Tissue Lysate at 50ugLane 2: MCF-7 Whole Cell Lysate at 40ugLane 3: HEPG2 Whole Cell Lysate at 40ugPredicted bind size: 48KDObserved bind size: 48KD



WB (Western Blot)
Anti- GATA3 antibody, AAA46068, Western blottingAll lanes: Anti GATA3 (AAA46068) at 0.5ug/mlWB: Recombinant Human GATA3 Protein 0.5ngPredicted bind size: 39KDObserved bind size: 39KD

ADDITIONAL INFORMATION

Related Product Information for anti-GATA3 antibody	Description: Rabbit IgG polyclonal antibody for Trans-acting T-cell-specific transcription factor GATA-3(GATA3) detection. Tested with WB in Human;Rat. Background: Trans-acting T-cell-specific transcription factor GATA-3, also named HDR or GATA3, is a protein that in humans is encoded by the GATA3 gene. It is mapped to 10p14. This gene belongs to the GATA family of transcription factors. It regulates luminal epithelial cell differentiation in the mammary gland. The protein contains two GATA-type zinc fingers, it is an important regulator of T cell development and plays an important role in endothelial cell biology. GATA3 has been shown to promote the secretion of IL-4, IL-5, and IL-13 from Th2 cells, and induces the differentiation of Th0 cells towards this T cell subtype while suppressing their differentiation towards Th1 cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50541959
NCBI GeneID	2625
NCBI Accession #	NP_001002295.1
NCBI GenBank Nucleotide #	NM_001002295.1
UniProt Accession #	P23771; Q5VWG7; Q5VWG8; Q96J16
Molecular Weight	48,045 Da
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; GATA-binding factor 3
UniProt Protein Name	Trans-acting T-cell-specific transcription factor GATA-3
UniProt Gene Name	GATA3
UniProt Entry Name	GATA3_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://www.aaabiotech.com/polyclonal/trans-acting-t-cell-specific-transcription-factor-gata-3-antibody-western-blot-elisa/46068>