

Rabbit anti-Human GATA4 Polyclonal Antibody | anti-GATA4 antibody

Rabbit Polyclonal to Human GATA4

CATALOG # AAA52072	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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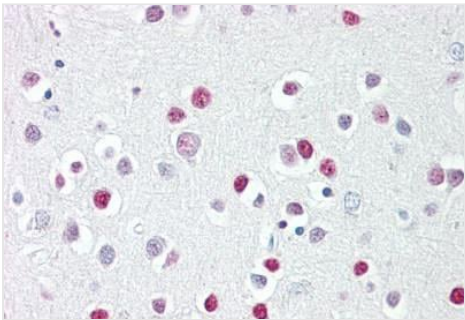
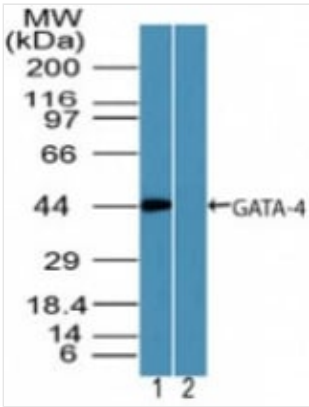
PRODUCT SYNONYMS

GATA4; Polyclonal Antibody; Rabbit Polyclonal to Human GATA4; Anti-GATA4 Antibody (aa330-380) IHC-plus; ASD2; GATA-binding factor 4; GATA-binding protein 4; GATA binding protein 4; Transcription factor GATA-4; VSD1; Human GATA4; anti-GATA4 antibody

PRODUCT SPECIFICATIONS

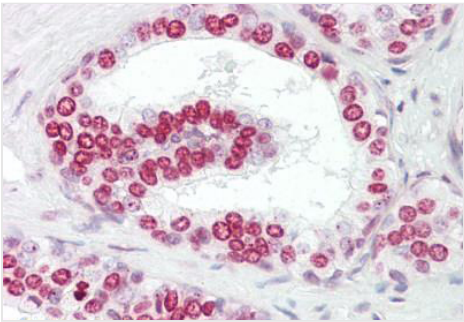
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human GATA4
Purity/Purification	Purified
Form/Format	PBS, 0.05% BSA, 0.05% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	442
Applicable Applications for anti-GATA4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	A portion of amino acids 330-380 of human GATA-4 was used as the immunogen.
Immunogen Type	Synthetic peptide
Immunogen	GATA4 antibody was raised against a portion of amino acids 330-380 of human GATA-4 was used as the immunogen.
Antigen Modification	aa330-380
Preparation and Storage	Store at 4 degree C for short term applications. For long term storage, aliquot and store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)
Anti-GATA4 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 10 ug/ml.

WB (Western Blot)
Western blot of GATA-4 in human kidney lysate in the 1) absence and 2) presence of immunizing peptide using at 2 ug/ml. Goat anti-rabbit Ig HRP secondary antibody, and PicoTect ECL substrate solution, were used for this test.



IHC (Immunohistochemistry)
Anti-GATA4 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-GATA4 antibody	GATA-4 is a zinc finger transcription factor that is essential for heart development. In mouse heart development, the first expression of GATA-4 is seen in coelomic epithelial cell of the primitive streak (7-7.5 days). During formation and bending of the heart tube, expression is found in endocardium, myocardium and embryonic structures containing precardiac mesoderm. By the onset of cardiac septation (9 days) expression is present in endocardium, endocardial cushion tissue and myocardium.
Product Categories/Family for anti-GATA4 antibody	Family: Transcription factor

NCBI AND UNIPROT INFORMATION

NCBI GI #	33188461
NCBI GeneID	2626
NCBI Accession #	NP_002043.2
NCBI GenBank Nucleotide #	NM_002052.3
UniProt Accession #	P43694 ; Q3MJ45 ; Q5IFM8 ; B7ZKX0 ; B7ZKZ4
Molecular Weight	44,665 Da
NCBI Official Full Name	transcription factor GATA-4
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; GATA-binding factor 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://www.aaabiotech.com/polyclonal/gata4-antibody-western-blot-immunohistochemistry-elisa/52072>