

Rabbit anti-Human, Mouse GATA 5 Polyclonal Antibody | anti-GATA5 antibody

GATA 5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321842	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

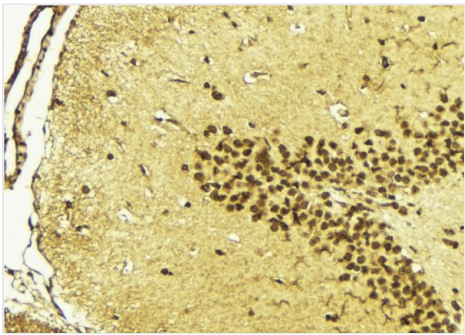
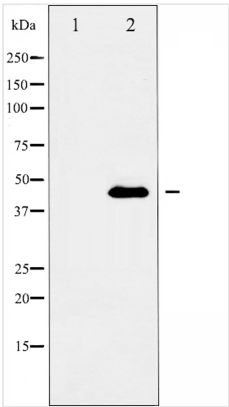
PRODUCT SYNONYMS

GATA 5; Polyclonal Antibody; GATA 5 Antibody; GATA binding protein 5; GATA-binding factor 5; GATA5; GATA5_HUMAN; Transcription factor GATA-5; anti-GATA5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	GATA 5 antibody detects endogenous levels of total GATA 5
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	397
Applicable Applications for anti-GATA5 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GATA 5
Subcellular Location	Nucleus
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA321842 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of GATA 5 expression in NIH/3T3 cells, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GATA5 antibody

Description: Binds to the functionally important CEF-1 nuclear protein binding site in the cardiac-specific slow/cardiac troponin C transcriptional enhancer. May play an important role in the transcriptional program(s) that underlies smooth muscle cell diversity.

Function: Transcription factor required during cardiovascular development (PubMed:23289003). Plays an important role in the transcriptional program(s) that underlies smooth muscle cell diversity (By similarity). Binds to the functionally important CEF-1 nuclear protein binding site in the cardiac-specific slow/cardiac troponin C transcriptional enhancer (PubMed:25543888).

NCBI AND UNIPROT INFORMATION

NCBI GI #	17998698
NCBI GeneID	140628
NCBI Accession #	NP_536721.1
NCBI GenBank Nucleotide #	NM_080473.4
UniProt Accession #	Q9BWX5; Q17RE2; Q86VU4; D9ZGF7
Molecular Weight	Observed: 41 kDa Predicted: 42 kDa
NCBI Official Full Name	transcription factor GATA-5
NCBI Official Synonym Full Names	GATA binding protein 5
NCBI Official Symbol	GATA5
NCBI Official Synonym Symbols	CHTD5; GATAS; bB379O24.1
NCBI Protein Information	transcription factor GATA-5
UniProt Protein Name	Transcription factor GATA-5
UniProt Gene Name	GATA5

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.