

Rabbit GATA6 Polyclonal Antibody | anti-GATA6 antibody

GATA6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321926	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

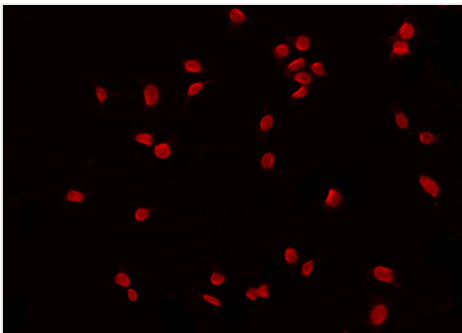
PRODUCT SYNONYMS

GATA6; Polyclonal Antibody; GATA6 Antibody; Gata binding factor 6; Gata binding protein 6; GATA-binding factor 6; Gata6; GATA6_HUMAN; Transcription factor Gata 6; Transcription factor GATA-6; anti-GATA6 antibody

PRODUCT SPECIFICATIONS

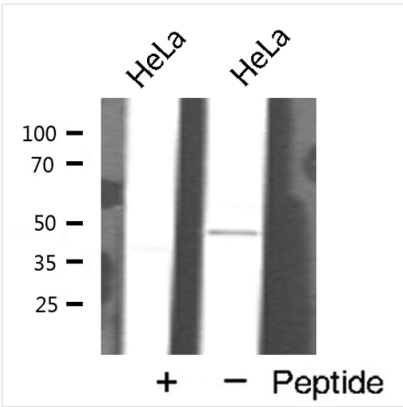
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	GATA6 antibody detects endogenous levels of total GATA6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	595
Applicable Applications for anti-GATA6 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GATA6
Subcellular Location	Nucleus.
Tissue Specificity	Expressed in heart, gut and gut-derived tissues.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Sheep, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Sheep (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA321926 staining 293 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of GATA6 expression in HeLa cells

ADDITIONAL INFORMATION

Related Product Information for anti-GATA6 antibody

Description: Thought to be important for regulating terminal differentiation and/or proliferation.
Function: Transcriptional activator (PubMed:19666519, PubMed:27756709, PubMed:22750565, PubMed:22824924). Regulates SEMA3C and PLXNA2 (PubMed:19666519). Involved in gene regulation specifically in the gastric epithelium (PubMed:9315713). May regulate genes that protect epithelial cells from bacterial infection (PubMed:16968778). Involved in bone morphogenetic protein (BMP)-mediated cardiac-specific gene expression (By similarity). Binds to BMP response element (BMPRE) DNA sequences within cardiac activating regions (By similarity).
Subunit Structure: Interacts with LMCD1.
Similarity: The GATA-type zinc fingers mediate interaction with LMCD1.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40288197
NCBI GeneID	2627
NCBI Accession #	NP_005248.2
NCBI GenBank Nucleotide #	NM_005257.5
UniProt Accession #	Q92908; P78327; B0YJ17
Molecular Weight	Observed: 45 kDa Predicted: 61 kDa
NCBI Official Full Name	transcription factor GATA-6
NCBI Official Synonym Full Names	GATA binding protein 6
NCBI Official Symbol	GATA6
NCBI Protein Information	transcription factor GATA-6
UniProt Protein Name	Transcription factor GATA-6
UniProt Gene Name	GATA6

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.