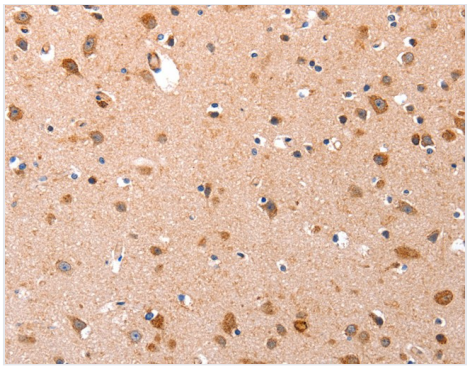
GATA6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GATA6, Polyclonal Antibody
Full Product Name	GATA6 Polyclonal Antibody
Product Gene Name	anti-GATA6 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Antigen affinity purification
Concentration	1.5mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.
Molecular Weight	45,386 Da
OMIM	187500
Immunogen	Synthetic peptide of human GATA6
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Product Categories/Family for anti-GATA6 antibody	Stem cells; Cancer; Epigenetics
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-GATA6 antibody	ELISA (EIA), Immunohistochemistry (IHC)
Application Notes for anti-GATA6 antibody	IHC: 1:25-1:100
Related Product Information for anti-GATA6 antibody	This gene is a member of a small family of zinc finger transcription factors that play an important role in the regulation of cellular differentiation and organogenesis during vertebrate development. This gene is expressed during early embryogenesis and localizes to endo- and mesodermally derived cells during later embryogenesis and thereby plays an important role in gut, lung, and heart development. Mutations in this gene are associated with several congenital defects.
Other Notes	Small volumes of anti-GATA6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for GATA6 purchase	MBS2525503 is an antibody targeting GATA6. Also known as GATA6 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Immunohistochemistry (IHC) of anti-GATA6 antibody
Immunohistochemistry of paraffin-embedded Human brain tissue using GATA6 Polyclonal Antibody at dilution 1:35

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GATA6. It may not necessarily be applicable to this product.

NCBI GI #	116283505
NCBI GeneID	2627
NCBI Accession #	AAH27891.1
UniProt Secondary Accession #	P78327; B0YJ17
UniProt Related Accession #	Q92908
NCBI Official Full Name	GATA6 protein, partial
NCBI Official Synonym Full Names	GATA binding protein 6
NCBI Official Symbol	GATA6
UniProt Protein Name	Transcription factor GATA-6
UniProt Synonym Protein Names	GATA-binding factor 6
Protein Family	GATA transcription factor
UniProt Gene Name	GATA6
UniProt Entry Name	GATA6_HUMAN
NCBI Protein Information	transcription factor GATA-6; GATA-binding factor 6

UniProt Comments for GATA6	GATA6: Transcriptional activator that regulates SEMA3C and PLXNA2. Thought to be important for regulating terminal differentiation and/or proliferation. Interacts with LMCD1. Expressed in heart, gut and gut-derived tissues. 2 isoforms of the human protein are produced by alternative initiation. Protein type: Transcription factor; Motility/polarity/chemotaxis Chromosomal Location of Human Ortholog: 18q11.1-q11.2 Cellular Component: nucleoplasm; transcription factor complex; nucleus Molecular Function: RNA polymerase II transcription factor activity, enhancer binding; protein binding; zinc ion binding; chromatin binding; protein kinase binding; transcription factor activity; transcription factor binding Biological Process: response to drug; transcription from RNA polymerase II promoter; cardiac muscle hypertrophy; organ formation; endodermal cell fate determination; in utero embryonic development; male gonad development; negative regulation of transcription from RNA polymerase II promoter; liver development; cardiac muscle cell differentiation; negative regulation of transforming growth factor-beta1 production; negative regulation of transforming growth factor-beta2 production; positive regulation of angiogenesis; response to estrogen stimulus; phospholipid metabolic process; positive regulation of cardioblast differentiation; positive regulation of transcription from RNA polymerase II promoter; smooth muscle cell differentiation; blood coagulation; tube morphogenesis; negative regulation of transcription, DNA-dependent; positive regulation of cardiac muscle cell proliferation; negative regulation of apoptosis Disease: Conotruncal Heart Malformations; Atrial Septal Defect 9; Heart Defects, Congenital, And Other Congenital Anomalies; Atrioventricular Septal Defect 5; Tetralogy Of Fallot
Research Articles on GATA6	**1.** analysis of the GATA6 transcriptional regulation in gastric cancer
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