

Gata6 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20878c**Specification**

Gata6 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O61169
Other Accession	P46153
Reactivity	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

Gata6 Antibody (C-term) - Additional Information**Gene ID** 14465**Other Names**

Transcription factor GATA-6, GATA-binding factor 6, Gata6

Target/Specificity

This Gata6 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 544-577 amino acids from the C-terminal region of mouse Gata6.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Gata6 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Gata6 Antibody (C-term) - Protein Information**Name** Gata6

Function Transcriptional activator that regulates SEMA3C and PLXNA2 (PubMed:[19666519](#)). May regulate genes that protect epithelial cells from bacterial infection (By similarity). Involved in gene regulation specifically in the gastric epithelium (By similarity). Involved in bone morphogenetic

protein (BMP)-mediated cardiac-specific gene expression (PubMed:[15329343](#)). Binds to BMP response element (BMPRE) DNA sequences within cardiac activating regions (PubMed:[15329343](#)).

Cellular Location

Nucleus.

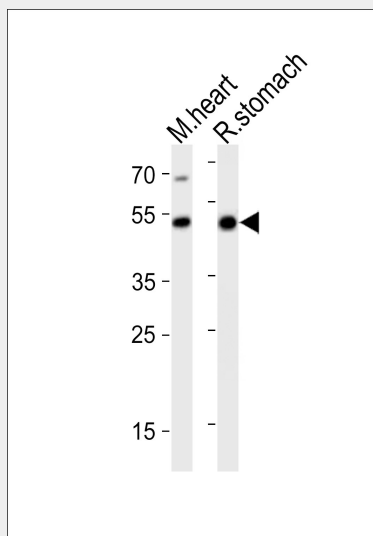
Tissue Location

Expressed in myocardium, vascular smooth muscle, gut epithelium, and osteoclasts

Gata6 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Gata6 Antibody (C-term) - Images

Western blot analysis of lysates from mouse heart, rat stomach tissue lysate (from left to right), using Gata6 Antibody (C-term) (Cat. #AP20878c). AP20878c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

Gata6 Antibody (C-term) - Background

Transcriptional activator that regulates SEMA3C and PLXNA2. Involved in gene regulation specifically in the gastric epithelium (By similarity).

Gata6 Antibody (C-term) - References

Morrissey E.E., et al. Dev. Biol. 177:309-322(1996).

Katsuoka F.,et al.Submitted (AUG-1999) to the EMBL/GenBank/DDBJ databases.
Carninci P.,et al.Science 309:1559-1563(2005).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Narita N.,et al.Genomics 36:345-348(1996).