

# Mouse Gata6 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20864c

## Product Information

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Application	WB, E
Primary Accession	<a href="#">Q61169</a>
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB50933
Calculated MW	59307

## Additional Information

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Gene ID	14465
Other Names	Transcription factor GATA-6, GATA-binding factor 6, Gata6
Target/Specificity	This Mouse Gata6 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 485-518 amino acids from the C-terminal region of human 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	Mouse Gata6 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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Name	Gata6
Function	Transcriptional activator that regulates SEMA3C and PLXNA2 (PubMed: <a href="#">19666519</a> ). 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: <a href="#">15329343</a> ). 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

## Background

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

## References

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

Katsuoka F.,et al.Submitted (AUG-1999) to the EMBL/GenBank/DDBJ databases.

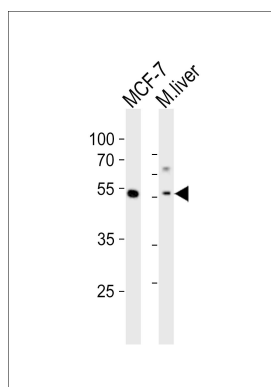
Carninci P.,et al.Science 309:1559-1563(2005).

Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Narita N.,et al.Genomics 36:345-348(1996).

## Images

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Western blot analysis of lysates from MCF-7 cell line, mouse liver tissue lysate (from left to right), using Gata6 Antibody (C-term)(Cat. #AP20864c). AP20864c 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.