10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# Mouse Gata6 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20878c

## Product Information

| | |
|---|---|
| **Application** | WB, E |
| **Primary Accession** | Q61169 |
| **Reactivity** | Human, Rat, Mouse |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB50934 |
| **Calculated MW** | 59307 |

## Additional Information

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

## 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

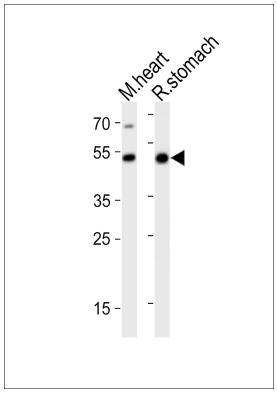
## Background

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

## References

Morrisey 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




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.

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