

**(Mouse) Eras Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21303b**

## Specification

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### (Mouse) Eras Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	<a href="#">O7TN89</a>
Reactivity	Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	24321

### (Mouse) Eras Antibody (C-term) - Additional Information

**Gene ID** 353283

#### Other Names

GTPase ERas, E-Ras, Embryonic stem cell-expressed Ras, Eras

#### Target/Specificity

This Mouse Eras antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 202-236 amino acids from the C-terminal region of Mouse Eras.

#### Dilution

WB~~1:2000

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

### (Mouse) Eras Antibody (C-term) - Protein Information

#### Name Eras

**Function** Ras proteins bind GDP/GTP and possess intrinsic GTPase activity. Plays an important role in the tumor-like growth properties of embryonic stem cells.

#### Cellular Location

Cell membrane; Lipid-anchor; Cytoplasmic side

#### **Tissue Location**

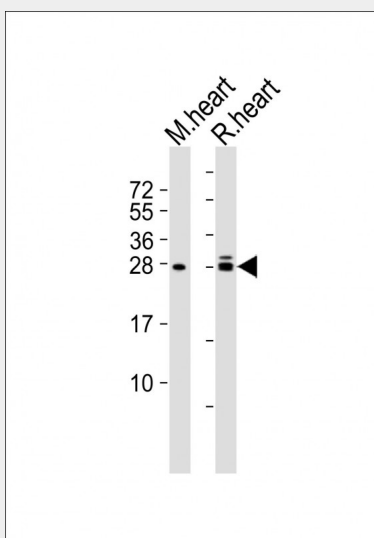
Expressed in several undifferentiated mouse embryonic stem cell lines.

#### **(Mouse) Eras Antibody (C-term) - Protocols**

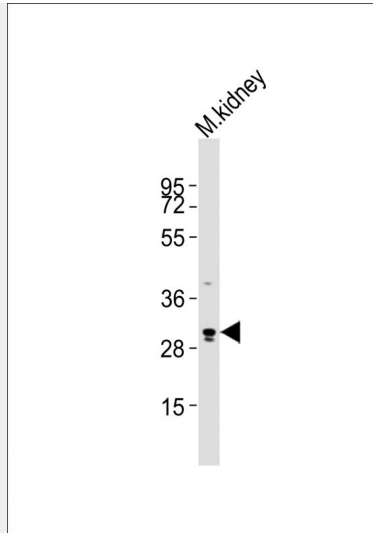
Provided below are standard protocols that you may find useful for product applications.

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

#### **(Mouse) Eras Antibody (C-term) - Images**



All lanes : Anti-Eras Antibody (C-term) at 1:2000 dilution Lane 1: mouse heart lysates Lane 2: rat heart lysates Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 24 kDa Blocking/Dilution buffer: 5% NFDN/TBST.



Anti-Eras Antibody (C-term) at 1:2000 dilution + mouse kidney lysates Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 24 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

#### **(Mouse) Eras Antibody (C-term) - Background**

Ras proteins bind GDP/GTP and possess intrinsic GTPase activity. Plays an important role in the tumor-like growth properties of embryonic stem cells.

#### **(Mouse) Eras Antibody (C-term) - References**

Takahashi K., et al. Nature 423:541-545(2003).  
Carninci P., et al. Science 309:1559-1563(2005).