

### Eras Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP21303b

## **Specification**

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

Application WB,E
Primary Accession Q7TN89
Other Accession D3ZTE4
Reactivity Mouse, Rat
Host Rabbit
Clonality polyclonal
Isotype Rabbit IgG

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

**Gene ID 353283** 

#### **Other Names**

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

### Target/Specificity

This 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

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**

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

## **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**

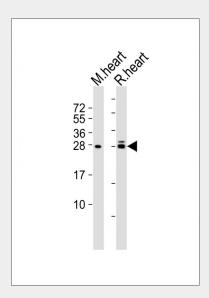
Expressed in several undifferentiated mouse embryonic stem cell lines.

## Eras Antibody (C-term) - Protocols

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

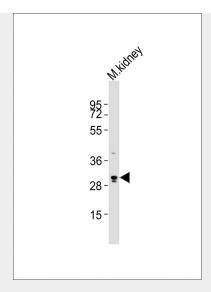
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## 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% NFDM/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.

# 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.

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

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