

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

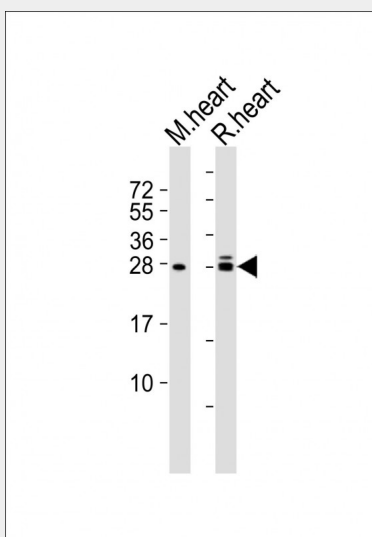
Tissue Location

Expressed in several undifferentiated mouse embryonic stem cell lines.

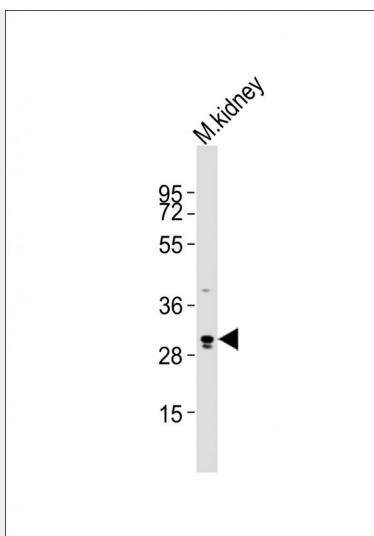
Eras Antibody (C-term) - Protocols

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

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