

# (Mouse) Eras Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21303b

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q7TN89</a>
<b>Reactivity</b>	Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB52380
<b>Calculated MW</b>	24321

## Additional Information

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<b>Gene ID</b>	353283
<b>Other Names</b>	GTPase ERas, E-Ras, Embryonic stem cell-expressed Ras, Eras
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:2000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	(Mouse) Eras Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	Eras
<b>Function</b>	Ras proteins bind GDP/GTP and possess intrinsic GTPase activity. Plays an important role in the tumor-like growth properties of embryonic stem cells.
<b>Cellular Location</b>	Cell membrane; Lipid-anchor; Cytoplasmic side
<b>Tissue Location</b>	Expressed in several undifferentiated mouse embryonic stem cell lines.

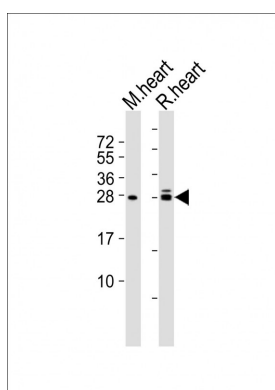
## Background

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

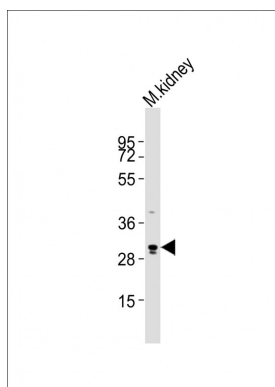
## References

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

## 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.

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