

# Mouse Hipk4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP14121B

## Product Information

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<b>Application</b>	IHC-P, WB, E
<b>Primary Accession</b>	<a href="#">Q3V016</a>
<b>Other Accession</b>	<a href="#">NP_001028487.2</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB34173
<b>Calculated MW</b>	69279
<b>Antigen Region</b>	533-562

## Additional Information

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<b>Gene ID</b>	233020
<b>Other Names</b>	Homeodomain-interacting protein kinase 4, Hipk4, Gm162
<b>Target/Specificity</b>	This Mouse Hipk4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 533-562 amino acids from the C-terminal region of mouse Hipk4.
<b>Dilution</b>	IHC-P~~1:100~500 WB~~1:1000 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 Hipk4 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>	Hipk4
<b>Synonyms</b>	Gm162
<b>Function</b>	Protein kinase that phosphorylates murine TP53 at Ser-9, and thus induces TP53 repression of BIRC5 promoter. May act as a corepressor of transcription

factors (Potential).

**Cellular Location**

Cytoplasm.

**Tissue Location**

Expressed at moderate levels in lung and white adipose tissues and weakly in brain and liver

## Background

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Protein kinase that phosphorylates murine TP53 at Ser-9, and thus induces TP53 repression of BIRC5 promoter. It may act as a corepressor of transcription factors (Potential).

## References

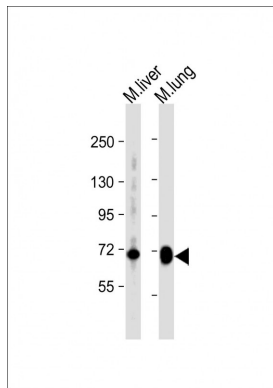
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Arai, S., et al. FEBS Lett. 581(29):5649-5657(2007)

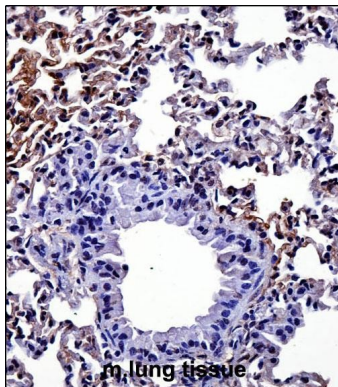
Zambrowicz, B.P., et al. Proc. Natl. Acad. Sci. U.S.A. 100(24):14109-14114(2003)

## Images

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All lanes : Anti-Hipk4 Antibody (C-term) at 1:1000 dilution  
Lane 1: mouse liver lysate Lane 2: mouse lung lysate  
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 69 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Mouse Hipk4 Antibody (C-term) (AP14121b) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Mouse Hipk4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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