

**Mouse Hipk4 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP14121B**

### Specification

#### Mouse Hipk4 Antibody (C-term) - Product Information

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

#### Mouse Hipk4 Antibody (C-term) - Additional Information

Gene ID 233020

#### Other Names

Homeodomain-interacting protein kinase 4, Hipk4, Gm162

#### Target/Specificity

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.

#### Dilution

IHC-P~~1:10~50

WB~~1:1000

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

Mouse Hipk4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

#### Mouse Hipk4 Antibody (C-term) - Protein Information

Name Hipk4

Synonyms Gm162

**Function** 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**

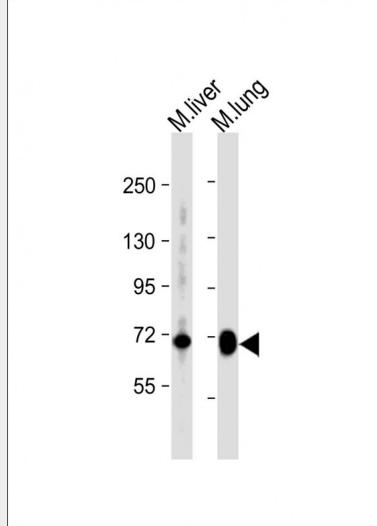
Expressed at moderate levels in lung and white adipose tissues and weakly in brain and liver

**Mouse Hipk4 Antibody (C-term) - Protocols**

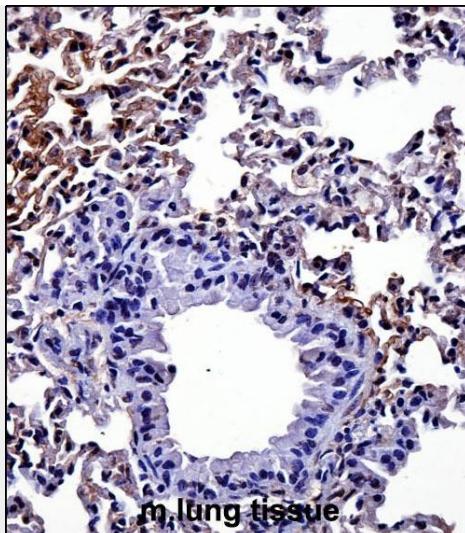
Provided below are standard protocols that you may find useful for product applications.

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

**Mouse Hipk4 Antibody (C-term) - Images**



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.

#### **Mouse Hipk4 Antibody (C-term) - Background**

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).

#### **Mouse Hipk4 Antibody (C-term) - References**

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)