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Mouse Hipk4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14121B

Product Information

Application	IHC-P, WB, E
Primary Accession	Q3V016
Other Accession	NP_001028487.2
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34173
Calculated MW	69279
Antigen Region	533-562

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~~1:100~500 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.

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

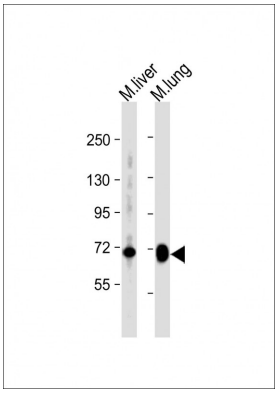
Background

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).

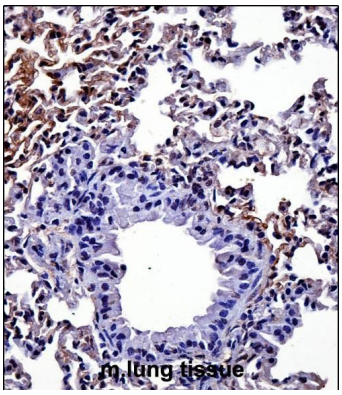
References

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)

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.

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