


Anti-HIPK4 antibody ab69565

3 Images

Overview

Product name	Anti-HIPK4 antibody
Description	Rabbit polyclonal to HIPK4
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthesized peptide derived from an internal internal of human HIPK4.
Positive control	A549 clls; HUVEC cells; testis tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.4 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab69565 in the following tested applications.

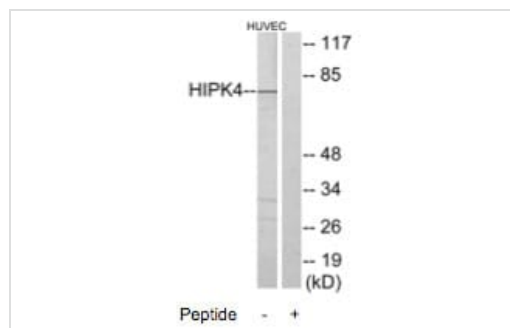
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately 69 kDa (predicted molecular weight: 69 kDa).
IHC-P		1/50 - 1/100.
ICC/IF		1/500 - 1/1000.

Target

Function	Protein kinase that phosphorylates human TP53 at Ser-9, and thus induces TP53 repression of BIRC5 promoter (By similarity). May act as a corepressor of transcription factors.
Sequence similarities	Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. HIPK subfamily. Contains 1 protein kinase domain.
Post-translational modifications	Autophosphorylated.
Cellular localization	Cytoplasm.

Images



Western blot - Anti-HIPK4 antibody (ab69565)

All lanes : Anti-HIPK4 antibody (ab69565) at 1/500 dilution

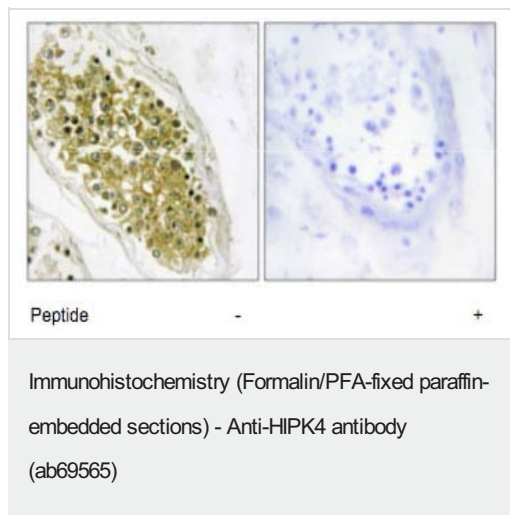
Lane 1 : extracts from HUVEC cells

Lane 2 : extracts from HUVEC cells with immunizing peptide at 10 µg

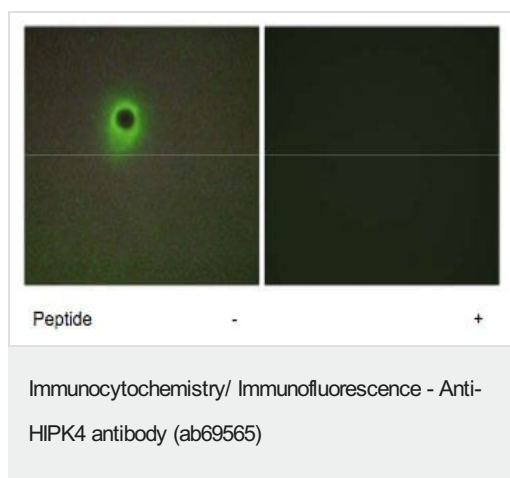
Lysates/proteins at 30 µg per lane.

Predicted band size: 69 kDa

Observed band size: 69 kDa



Immunohistochemistry analysis of paraffin-embedded human testis tissue using 1:50 ab69565. For the right hand image the antibody was pre-incubated with the immunizing peptide.



Immunofluorescence analysis of A549 cells, using 1:500 ab69565. For the right hand image, the antibody was pre-incubated with the immunizing peptide.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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