

Product datasheet

Anti-hnRNP K (phospho S284) antibody ab74066

[1 References](#) [1 Image](#)

Overview

Product name	Anti-hnRNP K (phospho S284) antibody
Description	Rabbit polyclonal to hnRNP K (phospho S284)
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse
Immunogen	Synthetic peptide corresponding to Human hnRNP K (phospho S284). Run BLAST with Expasy Run BLAST with NCBI
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. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS Without Mg2+ and Ca2+
Purity	Immunogen affinity purified
Purification notes	ab74066 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab74066 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 51 kDa (predicted molecular weight: 51 kDa).

Target

Function

One of the major pre-mRNA-binding proteins. Binds tenaciously to poly(C) sequences. Likely to play a role in the nuclear metabolism of hnRNAs, particularly for pre-mRNAs that contain cytidine-rich sequences. Can also bind poly(C) single-stranded DNA.

Sequence similarities

Contains 3 KH domains.

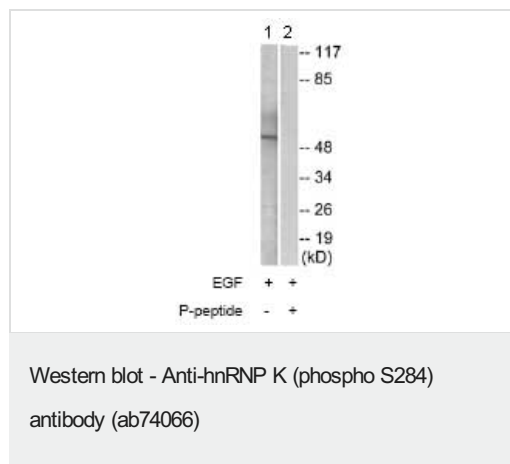
Post-translational modifications

Arg-296 and Arg-299 are dimethylated, probably to asymmetric dimethylarginine.

Cellular localization

Cytoplasm. Nucleus > nucleoplasm. In case of ASFV infection, there is a shift in the localization which becomes predominantly nuclear.

Images



All lanes : Anti-hnRNP K (phospho S284) antibody (ab74066) at 1/500 dilution

Lane 1 : Extracts from 3T3 cells treated with EGF (200ng/ml, 30mins)

Lane 2 : Extracts from 3T3 cells treated with EGF (200ng/ml, 30mins) with immunising phosphopeptide at 10 µg

Lysates/proteins at 30 µg per lane.

Predicted band size: 51 kDa

Observed band size: 51 kDa

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

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