

Product datasheet

Anti-DCPS antibody ab57314

★★★★☆ 1 Abreviews 2 Images

Overview

Product name	Anti-DCPS antibody
Description	Mouse monoclonal to DCPS
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant full length protein, corresponding to amino acids 1-338 of Human DCPS

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None PBS, pH 7.2
Purity	Protein G purified
Clonality	Monoclonal
Isotype	IgG2b
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab57314** 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	★★★★☆	

Application notes

WB: Use at a concentration of 1-5 µg/ml.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function

Necessary for the complete degradation of mRNAs, both in normal mRNA turnover and in nonsense-mediated mRNA decay. Removes the 7-methyl guanine cap structure from mRNA fragments shorter than 10 nucleotides that are produced by 3'->5' exosome-mediated mRNA decay. Releases m7GMP. Can also degrade m7GDP to m7GMP. Has no activity towards mRNA molecules longer than 25 nucleotides.

Tissue specificity

Detected in liver, brain, kidney, testis and prostate.

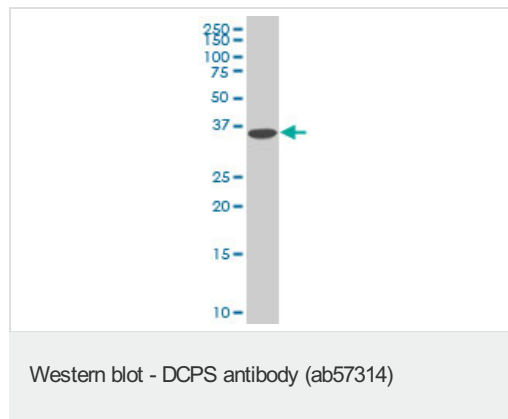
Sequence similarities

Belongs to the HIT family.

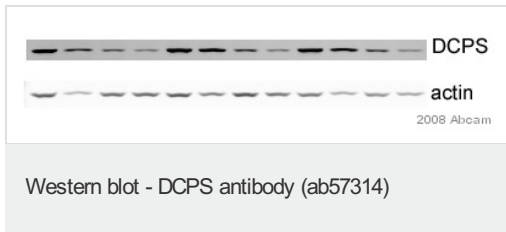
Cellular localization

Cytoplasm. Nucleus.

Images



Predicted band size : 39 kDa



All lanes : Anti-DCPS antibody (ab57314) at 1/200 dilution

Lane 1 : Whole cell lysate prepared from mouse neuroblastoma

Lane 12 : Whole cell lysate prepared from mouse neuroblastoma

Lysates/proteins at 10 µg per lane.

Secondary

Alexa Fluor® 680 conjugated donkey polyclonal to mouse Ig

Performed under reducing conditions.

Predicted band size : 39 kDa

Exposure time : 1 minute

This image is courtesy of an anonymous Abreview

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