

Product datasheet

Anti-DCPS antibody ab57314

★★★★☆ 1 Abreviews 2 Images

Overview

Product name	Anti-DCPS antibody
Description	Mouse monoclonal to DCPS
Host species	Mouse
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	★★★★☆	Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 39 kDa.

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

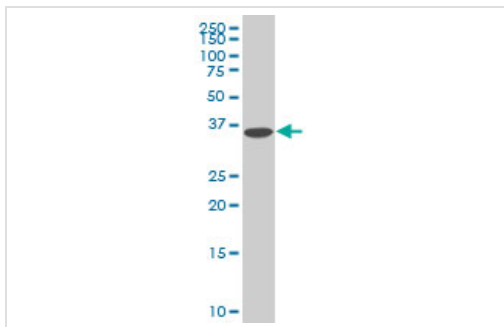
Detected in liver, brain, kidney, testis and prostate.

Sequence similarities

Belongs to the HIT family.

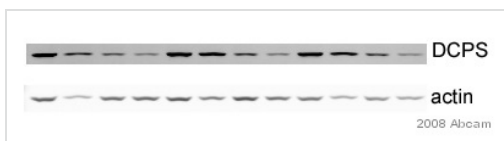
Cellular localization

Cytoplasm. Nucleus.

Images

Western blot - DCPS antibody (ab57314)

DCPS antibody (ab57314) at 1ug/lane +
HeLa cell lysate at 25ug/lane.



Western blot - DCPS antibody (ab57314)

This image is courtesy of an anonymous Abreview

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

All lanes : Whole cell lysate prepared from
mouse neuroblastoma

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Alexa Fluor® 680 conjugated
donkey polyclonal to mouse Ig

Performed under reducing conditions.

Predicted band size: 39 kDa

Exposure time: 1 minute

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