

Product datasheet

Anti-COPS3 antibody ab82232

1 Image

Overview

Product name	Anti-COPS3 antibody
Description	Rabbit polyclonal to COPS3
Host species	Rabbit
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Human
Immunogen	KLH conjugated synthetic peptide selected from the center region of Human COPS3.
Positive control	Ramos cell line lysates

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: 0.09% Sodium Azide Constituents: PBS
Purity	Ammonium Sulphate Precipitation
Purification notes	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab82232** in the following tested applications.

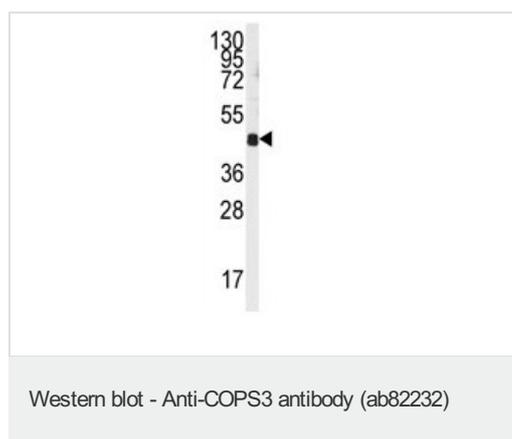
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/50 - 1/100. Predicted molecular weight: 48 kDa.
ELISA		1/1000.

Target

Function	Component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating the deneddylation of the cullin subunits of SCF-type E3 ligase complexes, leading to decrease the Ubl ligase activity of SCF-type complexes such as SCF, CSA or DDB2. The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, I κ B α /NF κ B, ITPK1 and IRF8/ICSBP, possibly via its association with CK2 and PKD kinases. CSN-dependent phosphorylation of TP53 and JUN promotes and protects degradation by the Ubl system, respectively.
Tissue specificity	Widely expressed. Expressed at high level in heart and skeletal muscle.
Sequence similarities	Belongs to the CSN3 family. Contains 1 PCI domain.
Cellular localization	Cytoplasm. Nucleus.

Images



Anti-COPS3 antibody (ab82232) at 1/50 dilution + Ramos cell line lysates at 35 μ g

Predicted band size: 48 kDa

Observed band size: 48 kDa

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