

Product datasheet

Anti-Recoverin antibody ab68420

[3 Images](#)

Overview

Product name	Anti-Recoverin antibody
Description	Mouse monoclonal to Recoverin
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Recombinant fragment Predicted to work with: Human, Chimpanzee, Rhesus monkey
Immunogen	Recombinant tagged fragment: KLEWAFSLYD VDGNGTISK N EVLEIMMAIF KMITPEDVKL LPDDENTPEK RAEKWKYFG KNDDDKLTEK EFIEGTLANK EILRLIQFEP QKVKEKMK N, corresponding to amino acids 101-200 of Human Recoverin Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Recoverin transfected 293T cell lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: None Constituents: 1X PBS pH 7.2
Purity	Protein A purified
Clonality	Monoclonal
Isotype	IgG2a
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab68420** in the following tested applications.

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

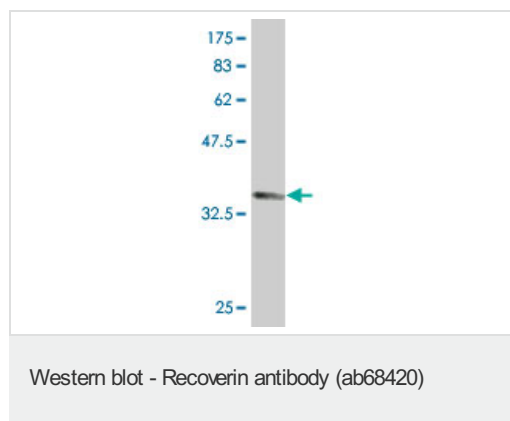
Application	Abreviews	Notes
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Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 23 kDa. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.
ELISA		Use at an assay dependent dilution.

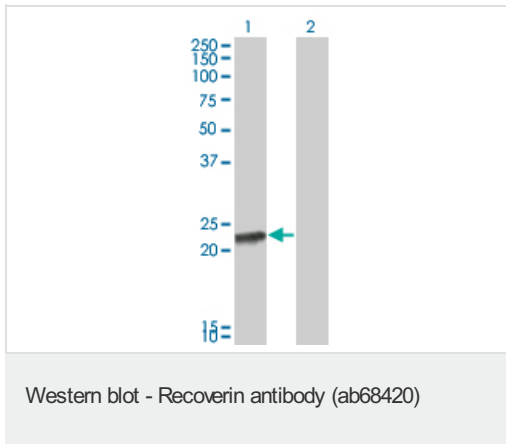
Target

Function	Seems to be implicated in the pathway from retinal rod guanylate cyclase to rhodopsin. May be involved in the inhibition of the phosphorylation of rhodopsin in a calcium-dependent manner. The calcium-bound recoverin prolongs the photoresponse.
Tissue specificity	Retina and pineal gland.
Sequence similarities	Belongs to the recoverin family. Contains 4 EF-hand domains.

Images



Predicted band size : 23 kDa



All lanes : Anti-Recoverin antibody (ab68420)
at 1 µg/ml

Lane 1 : Recoverin transfected 293T cell
lysate

Lane 2 : Non-transfected 293T cell lysate.

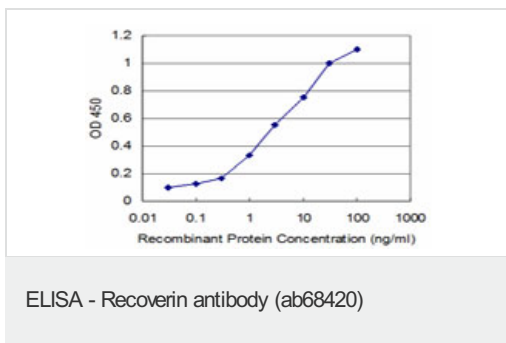
Lysates/proteins at 25 µg per lane.

Secondary

Goat Anti-Mouse IgG (H&L)-HRP Conjugate
secondary antibody at 1/2500 dilution

Predicted band size : 23 kDa

Observed band size : 23 kDa



Sandwich ELISA: Detection limit for
recombinant tagged Recoverin is
approximately 0.1 ng/ml as a capture antibody.

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