

Product datasheet

Anti-RBP3 antibody ab57618

1 Image

Overview

<b>Product name</b>	Anti-RBP3 antibody
<b>Description</b>	Mouse monoclonal to RBP3
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment: GTAEEFTYIM KRLGRALVIG EVTSGGCQPP QTYHVDDTNL YLTIPTARSV GASDGSSWEG VGVTPHVVVP AEEALARAKE MLQHNQLRVK RSPGLQDH, corresponding to amino acids 1149-1247 of Human RBP3 <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None PBS, pH 7.2
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Light chain type</b>	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab57618** in the following tested applications.

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

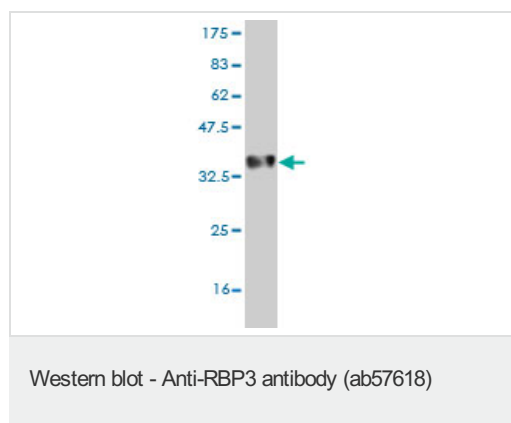
Application	Abreviews	Notes
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Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

## Target

<b>Function</b>	IRBP shuttles 11-cis and all trans retinoids between the retinol isomerase in the pigment epithelium and the visual pigments in the photoreceptor cells of the retina.
<b>Sequence similarities</b>	Belongs to the peptidase S41A family.
<b>Cellular localization</b>	Secreted > extracellular space > extracellular matrix > interphotoreceptor matrix. Interphotoreceptor matrix that permeates the space between the retina and the contiguous layer of pigment epithelium cells.

## Images



Western blot against tagged recombinant protein immunogen using ab57618 RBP3 antibody at 1ug/ml. Predicted band size of immunogen is 37 kDa

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