


Product datasheet

Anti-Zonula occludens protein 3/ZO3 antibody [EPR13414-152] ab182159

Recombinant RabMAb

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Overview

Product name	Anti-Zonula occludens protein 3/ZO3 antibody [EPR13414-152]
Description	Rabbit monoclonal [EPR13414-152] to Zonula occludens protein 3/ZO3
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Rat 
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	Caco-2, MCF-7 cell lysates. Human fetal kidney tissue lysate.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR13414-152

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab182159 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		1/10000 - 1/50000. Detects a band of approximately 140 kDa (predicted molecular weight: 103 kDa).

Target

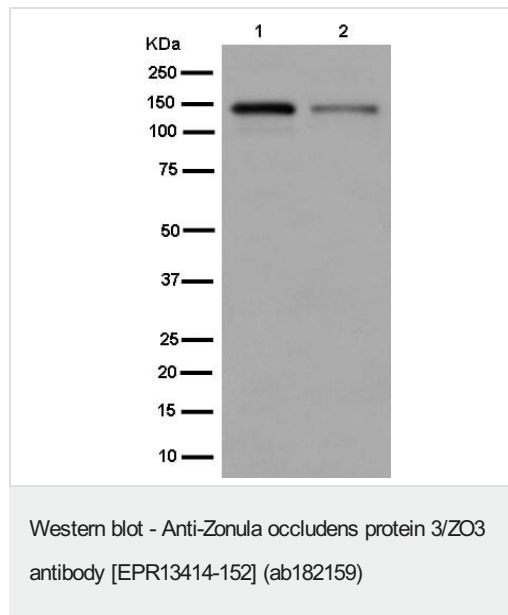
Sequence similarities

Belongs to the MAGUK family.
Contains 1 guanylate kinase-like domain.
Contains 3 PDZ (DHR) domains.
Contains 1 SH3 domain.

Cellular localization

Cell membrane. Cell junction > tight junction.

Images



All lanes : Anti-Zonula occludens protein 3/ZO3 antibody [EPR13414-152] (ab182159) at 1/50000 dilution

Lane 1 : Caco-2 cell lysate

Lane 2 : MCF-7 cell lysate

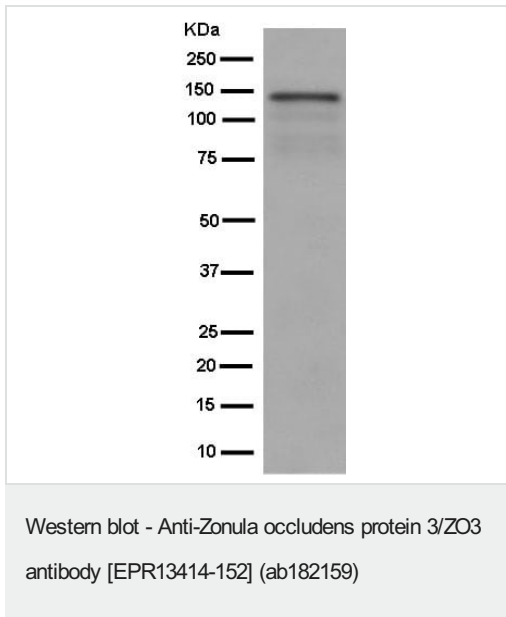
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 103 kDa

Observed band size: 140 kDa



Anti-Zonula occludens protein 3/ZO3 antibody [EPR13414-152] (ab182159) at 1/10000 dilution + Human fetal kidney tissue lysate at 20 µg





Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 103 kDa

Observed band size: 140 kDa

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-Zonula occludens protein 3/ZO3 antibody [EPR13414-152] (ab182159)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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