

Product datasheet

Anti-WIF1 antibody [EPR9385] ab155101

Recombinant RabMAb

★★★★★ [2 Abreviews](#) [16 References](#) [7 Images](#)

Overview

Product name	Anti-WIF1 antibody [EPR9385]
Description	Rabbit monoclonal [EPR9385] to WIF1
Host species	Rabbit
Tested applications	Suitable for: WB, IP Unsuitable for: ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human WIF1. The exact sequence is proprietary. (Peptide available as ab171766)
Positive control	WB: HT29 and HeLa whole cell lysate (ab150035), human fetal heart and fetal lung tissue lysates, mouse and rat heart tissue lysates. IP: Human fetal lung tissue lysate.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

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. Stable for 12 months at -20°C.
Storage buffer	Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR9385

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab155101 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)	1/2000. Predicted molecular weight: 41 kDa. Can be blocked with Human WIF1 peptide (ab171766) . For unpurified use at 1/1000 - 1/10000.
IP		1/60. For unpurified use at 1/10 - 1/100.

Application notes

Is unsuitable for ICC/IF.

Target

Function

Binds to WNT proteins and inhibits their activities. May be involved in mesoderm segmentation.

Sequence similarities

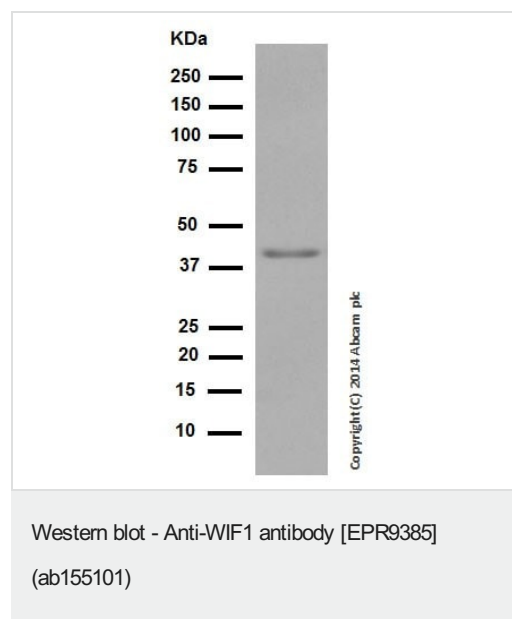
Contains 5 EGF-like domains.

Contains 1 WIF domain.

Cellular localization

Secreted.

Images



Anti-WIF1 antibody [EPR9385] (ab155101) at 1/2000 dilution (purified) + Human fetal heart tissue lysate at 20 µg

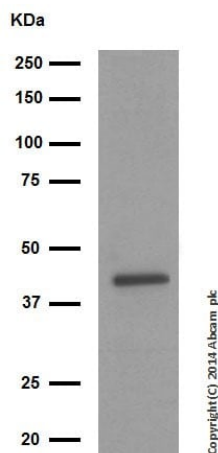
Secondary

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

Predicted band size: 41 kDa

Observed band size: 41 kDa

Blocking and diluting buffer: 5% NFDm/TBST.



Western blot - Anti-WIF1 antibody [EPR9385]
(ab155101)

Anti-WIF1 antibody [EPR9385] (ab155101) at 1/5000 dilution
(purified) + Human fetal lung tissue lysate at 10 µg

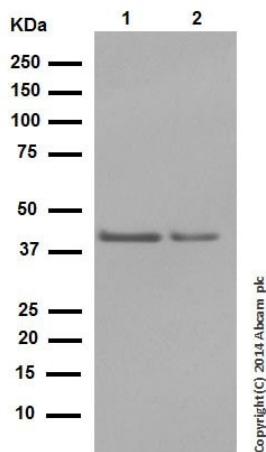
Secondary

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

Predicted band size: 41 kDa

Observed band size: 41 kDa

Blocking and diluting buffer: 5% NFDM/TBST.



Western blot - Anti-WIF1 antibody [EPR9385]
(ab155101)

All lanes : Anti-WIF1 antibody [EPR9385] (ab155101) at 1/1000
dilution (purified)

Lane 1 : Mouse heart tissue lysate

Lane 2 : Rat heart tissue lysate

Lysates/proteins at 20 µg per lane.

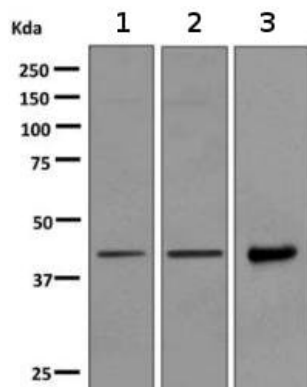
Secondary

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

Predicted band size: 41 kDa

Observed band size: 41 kDa

Blocking and diluting buffer: 5% NFDM/TBST.



Western blot - Anti-WIF1 antibody [EPR9385]
(ab155101)

All lanes : Anti-WIF1 antibody [EPR9385] (ab155101) at 1/1000 dilution (unpurified)

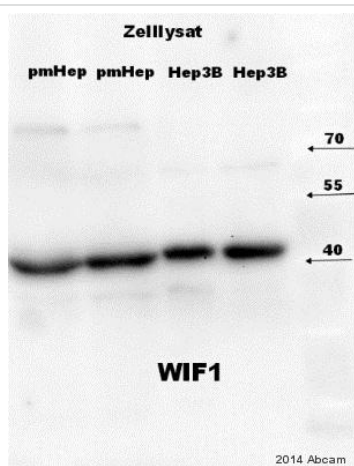
Lane 1 : HT29 cell lysate

Lane 2 : HeLa cell lysate

Lane 3 : Human fetal lung tissue lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 41 kDa



Western blot - Anti-WIF1 antibody [EPR9385]
(ab155101)

This image is courtesy of an anonymous Abreview

All lanes : Anti-WIF1 antibody [EPR9385] (ab155101) at 1/1000 dilution (unpurified)

Lanes 1-2 : pmHep3B whole cell lysate

Lanes 3-4 : Hep3B whole cell lysate

Lysates/proteins at 30 µg per lane.

Secondary

All lanes : Alkaline Phosphatase conjugated goat anti-rabbit IgG polyclonal at 1/15000 dilution

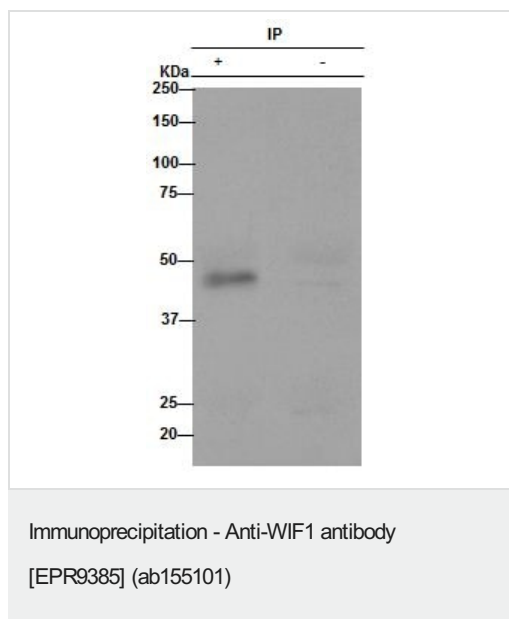
Developed using the ECL technique.

Performed under non-reducing conditions.

Predicted band size: 41 kDa

Observed band size: 41 kDa

Exposure time: 1 minute



Purified ab155101 (1/60) immunoprecipitating WIF1 in human fetal lung whole cell lysate (Lane +). For western blotting an Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG (1/500) was used as the secondary antibody.

Lane (-): Rabbit monoclonal IgG (**ab172730**) instead of ab155101 in Human fetal lung whole cell lysate.

Blocking and diluting buffer: 5% NFDM/TBST.

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-WIF1 antibody [EPR9385] (ab155101)

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

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