

Anti-LRP6 (phospho S1490) + LRP5 (phospho S1503) antibody [EP2360Y] - BSA and Azide free ab247469

Recombinant RabMAb

3 Images

Overview

Product name	Anti-LRP6 (phospho S1490) + LRP5 (phospho S1503) antibody [EP2360Y] - BSA and Azide free
Description	Rabbit monoclonal [EP2360Y] to LRP6 (phospho S1490) + LRP5 (phospho S1503) - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: HeLa cell lysates treated with Calyculin, 293T transfected with LRP6 and LRP5 overexpression vector whole cell lysates.
General notes	<p>ab247469 is the carrier-free version of ab76417.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <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>

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#).

Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EP2360Y
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab247469 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

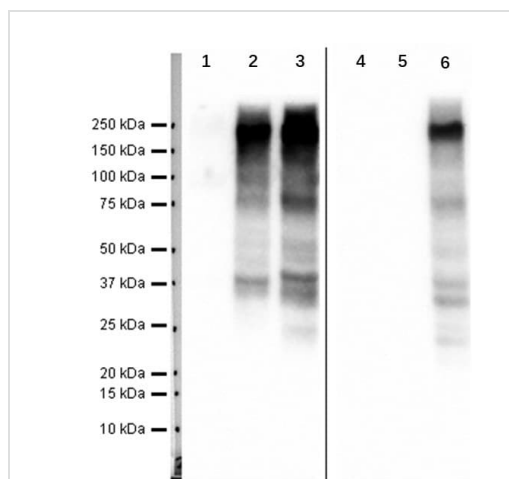
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 179 kDa.

Application notes Is unsuitable for ICC/IF.

Target

Cellular localization LRP6: Membrane. Endoplasmic reticulum. On Wnt signaling, undergoes a cycle of caveolin- or clathrin-mediated endocytosis and plasma membrane location. Released from the endoplasmic reticulum on palmitoylation. Mono-ubiquitination retains it in the endoplasmic reticulum in the absence of palmitoylation. On Wnt signaling, phosphorylated, aggregates and colocalizes with AXIN1 and GSK3B at the plasma membrane in LRP6-signalsomes. Chaperoned to the plasma membrane by MESD. LRP5: Membrane. Endoplasmic reticulum. Chaperoned to the plasma membrane by MESD.

Images



Western blot - Anti-LRP6 (phospho S1490) + LRP5 (phospho S1503) antibody [EP2360Y] - BSA and Azide free (ab247469)

Lanes 1-3 : Anti-LRP6 (phospho S1490) + LRP5 (phospho S1503) antibody [EP2360Y] ([ab76417](#)) at 1/10000 dilution

Lanes 4-6 : Anti-LRP5 antibody [EPR22477-218] ([ab223203](#)) at 1/10000 dilution

Lanes 1 & 4 : 293T transfected with blank vector whole cell lysate

Lanes 2 & 5 : 293T transfected with LRP6 overexpression vector whole cell lysate

Lanes 3 & 6 : 293T transfected with LRP5 overexpression vector whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

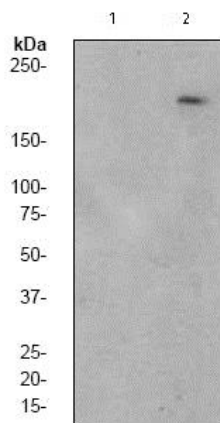
Predicted band size: 179 kDa

Observed band size: 180 kDa

Exposure time: 180 seconds

Blocking and dilution buffer: 5%NFDM/TBST.

This data was developed using [ab76417](#), the same antibody clone in a different buffer formulation.



Western blot - Anti-LRP6 (phospho S1490) + LRP5 (phospho S1503) antibody [EP2360Y] - BSA and Azide free (ab247469)

All lanes : Anti-LRP6 (phospho S1490) + LRP5 (phospho S1503) antibody [EP2360Y] (**ab76417**) at 1/1000 dilution

Lane 1 : HeLa cell lysates, untreated

Lane 2 : HeLa cell lysates treated with Calyculin

Lysates/proteins at 10 µg per lane.

Secondary

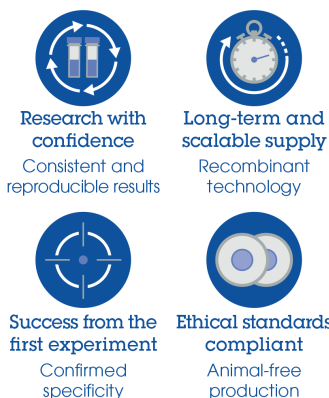
All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 179 kDa

Observed band size: 210 kDa

This data was developed using **ab76417**, the same antibody clone in a different buffer formulation.

Why choose a recombinant antibody?



Anti-LRP6 (phospho S1490) + LRP5 (phospho S1503) antibody [EP2360Y] - BSA and Azide free (ab247469)

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

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