

Anti-WISP3 antibody [EPR14769] - BSA and Azide free ab250940

Recombinant RabMAb

3 Images

Overview

Product name	Anti-WISP3 antibody [EPR14769] - BSA and Azide free
Description	Rabbit monoclonal [EPR14769] to WISP3 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab250940 is the carrier-free version of ab187666.</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> <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. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR14769
Isotype	IgG

Applications

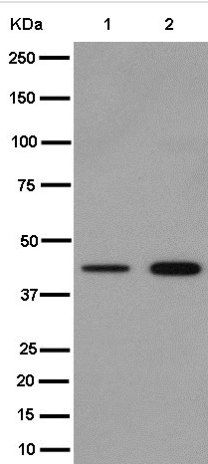
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab250940 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 45 kDa (predicted molecular weight: 39 kDa).

Target

Function	Appears to be required for normal postnatal skeletal growth and cartilage homeostasis.
Tissue specificity	Predominant expression in adult kidney and testis and fetal kidney. Weaker expression found in placenta, ovary, prostate and small intestine. Also expressed in skeletally-derived cells such as synoviocytes and articular cartilage chondrocytes.
Involvement in disease	Defects in WISP3 are the cause of progressive pseudorheumatoid arthropathy of childhood (PPAC) [MIM:208230]. PPAC is an autosomal recessive disorder characterized by stiffness and swelling of joints, motor weakness and joint contractures. Signs and symptoms of the disease develop typically between three and eight years of age. This progressive disease is a primary disorder of articular cartilage with continued cartilage loss and destructive bone changes with aging.
Sequence similarities	Belongs to the CCN family. Contains 1 CTCK (C-terminal cystine knot-like) domain. Contains 1 IGFBP N-terminal domain. Contains 1 TSP type-1 domain.
Cellular localization	Secreted.

Images



Western blot - Anti-WISP3 antibody [EPR14769] - BSA and Azide free (ab250940)

All lanes : Anti-WISP3 antibody [EPR14769] - C-terminal ([ab187666](#)) at 1/1000 dilution

Lane 1 : Caco-2 cell lysate

Lane 2 : HepG2 cell lysate

Lysates/proteins at 10 µg per lane.

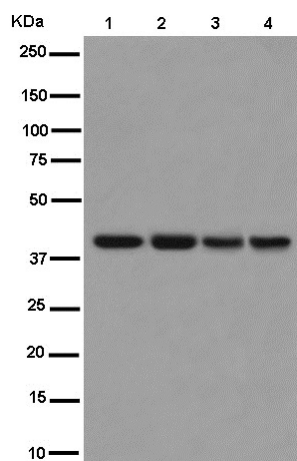
Secondary

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

Predicted band size: 39 kDa

Observed band size: 45 kDa

This data was developed using [ab187666](#), the same antibody clone in a different buffer formulation.



Western blot - Anti-WISP3 antibody [EPR14769] - BSA and Azide free (ab250940)

All lanes : Anti-WISP3 antibody [EPR14769] - C-terminal ([ab187666](#)) at 1/1000 dilution

Lane 1 : Mouse brain lysate

Lane 2 : Mouse heart lysate

Lane 3 : Rat brain lysate

Lane 4 : C6 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 39 kDa

Observed band size: 45 kDa

This data was developed using [ab187666](#), the same antibody clone in a different buffer formulation.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-WISP3 antibody [EPR14769] - BSA and Azide free (ab250940)

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

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