

Product datasheet

Anti-ANKRD2 antibody [EPR10731(B)] ab151718

Recombinant RabMAb

[1 References](#) [3 Images](#)

Overview

Product name	Anti-ANKRD2 antibody [EPR10731(B)]
Description	Rabbit monoclonal [EPR10731(B)] to ANKRD2
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF Unsuitable for: IHC-P or IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human skeletal muscle lysate; HepG2 cells.
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> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal

Clone number EPR10731(B)
Isotype IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab151718 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		1/1000 - 1/10000. Predicted molecular weight: 37 kDa.
ICC/IF		1/100 - 1/200.

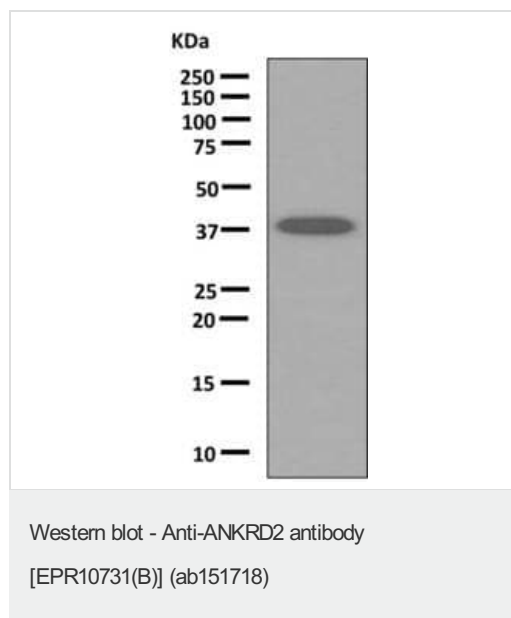
Application notes Is unsuitable for IHC-P or IP.

Target

Relevance ANKRD2 belongs to the conserved muscle ankyrin repeat protein (MARPs) family. Expression of MARPs are induced in response to physiologic stress, injury, and hypertrophy. ANKRD2 may play an important role in skeletal muscle hypertrophy.

Cellular localization Cytoplasmic and Nuclear

Images

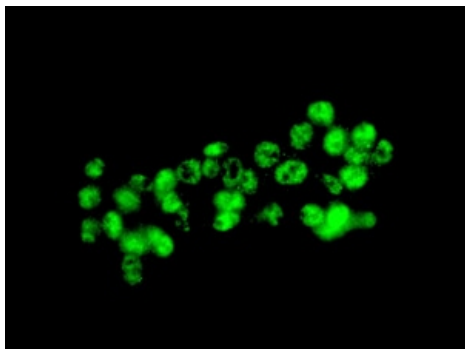


Anti-ANKRD2 antibody [EPR10731(B)] (ab151718) at 1/1000 dilution + Human skeletal muscle lysate at 10 µg

Secondary

Goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 37 kDa



Immunofluorescent analysis of HepG2 cells labeling ANKRD2 with ab151718 at 1/100 dilution.

Immunocytochemistry/ Immunofluorescence - Anti-ANKRD2 antibody [EPR10731(B)] (ab151718)

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-ANKRD2 antibody [EPR10731(B)] (ab151718)

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

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