


Product datasheet

Anti-Calretinin antibody [EPR1799(2)] ab133316

Recombinant RabMAb

★★★★☆ [2 Abreviews](#) [2 Images](#)

Overview

Product name	Anti-Calretinin antibody [EPR1799(2)]
Description	Rabbit monoclonal [EPR1799(2)] to Calretinin
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt or IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Fetal brain, SH-SY5Y, 293T, fetal kidney, and U87-MG lysates
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. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
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	EPR1799(2)

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab133316 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: 31 kDa.

Application notes

Is unsuitable for Flow Cyt or IHC-P.

Target

Function

Calretinin is a calcium-binding protein which is abundant in auditory neurons.

Tissue specificity

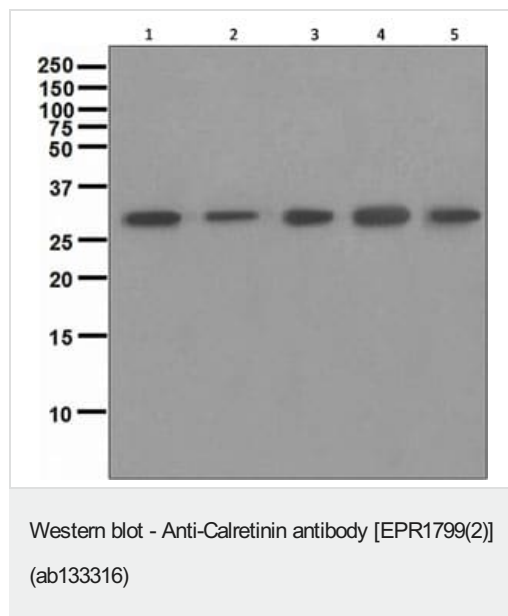
Brain.

Sequence similarities

Belongs to the calbindin family.

Contains 6 EF-hand domains.

Images



All lanes : Anti-Calretinin antibody [EPR1799(2)] (ab133316) at 1/1000 dilution

Lane 1 : Fetal brain lysates

Lane 2 : SH-SY5Y lysates

Lane 3 : 293T lysates

Lane 4 : Fetal kidney lysates

Lane 5 : U87-MG lysates





Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 31 kDa

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-Calretinin antibody [EPR1799(2)] (ab133316)

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

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