

Product datasheet

Anti-calcyphosine antibody [EPR15631] ab186740

Recombinant RabMAb

[4 Images](#)

Overview

Product name	Anti-calcyphosine antibody [EPR15631]
Description	Rabbit monoclonal [EPR15631] to calcyphosine
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human fetal kidney and fetal lung lysates; Human endometrial adenocarcinoma tissue.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR15631
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab186740 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. Detects a band of approximately 21 kDa (predicted molecular weight: 21 kDa).
IHC-P		1/4000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

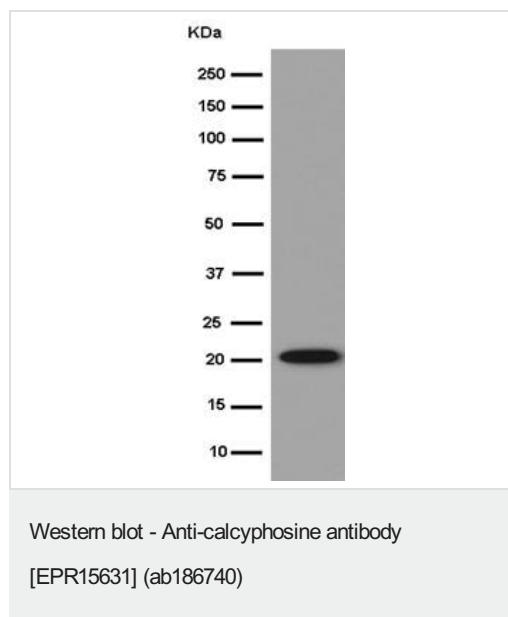
Target

Function Calcium-binding protein. May play a role in cellular signaling events .

Sequence similarities Contains 4 EF-hand domains.

Cellular localization Cytoplasm.

Images



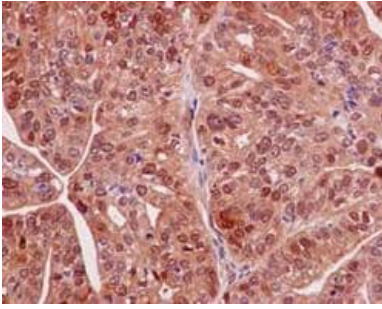
Anti-calcyphosine antibody [EPR15631] (ab186740) at 1/10000 dilution + Human fetal kidney tissue lysate at 10 µg

Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Developed using the ECL technique.

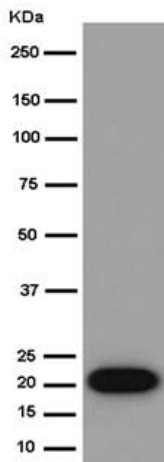
Predicted band size: 21 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-calcyphosine antibody [EPR15631] (ab186740)

Immunohistochemical analysis of paraffin-embedded Human endometrial adenocarcinoma tissue labeling calcyphosine with ab186740 at 1/4000 dilution followed by pre-diluted HRP Polymer for Rabbit IgG secondary antibody and counter-stained with Hematoxylin.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Western blot - Anti-calcyphosine antibody [EPR15631] (ab186740)

Anti-calcyphosine antibody [EPR15631] (ab186740) at 1/1000 dilution + Human fetal lung lysate at 10 µg

Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Developed using the ECL technique.

Predicted band size: 21 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-calcyphosine antibody [EPR15631] (ab186740)

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

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