abcam

Product datasheet

Anti-CALML3 antibody ab230240

3 Images

Overview

Product name	Anti-CALML3 antibody
Description	Rabbit polyclonal to CALML3
Host species	Rabbit
Tested applications	**Suitable for:** WB, IHC-P
Species reactivity	**Reacts with:** Human
	Predicted to work with: Rat ⚠
Immunogen	Recombinant full length protein corresponding to Human CALML3 aa 1 to the C-terminus. Database link: **P27482**
	▣ **Run BLAST with** ▣ **Run BLAST with**
Positive control	WB: A431 whole cell lysate. IHC-P: Human cervical cancer and skin tissues.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.
	If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

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: 7.30 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee   Our **Abpromise guarantee** covers the use of ab230240 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 - 1/5000. Predicted molecular weight: 17 kDa.
IHC-P		1/20 - 1/200.

Target

Function   May be similar to that of authentic calmodulin and may actually compete with calmodulin by binding, with different affinities, to cellular substrates.
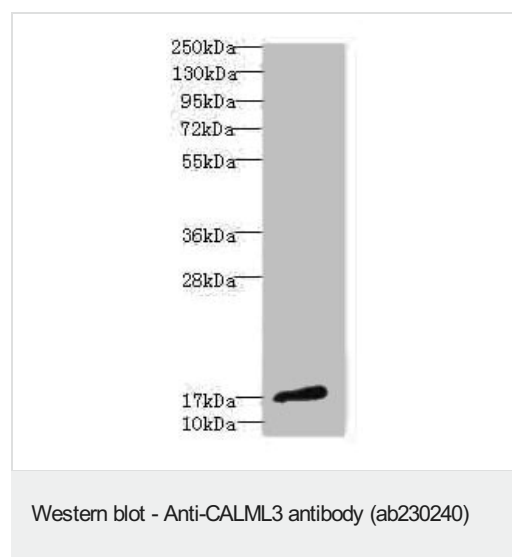
Tissue specificity   Expressed in normal mammary, prostate, cervical, and epidermal tissues. It is greatly reduced or undetectable in transformed cells.

Sequence similarities   Belongs to the calmodulin family.
Contains 4 EF-hand domains.

Images

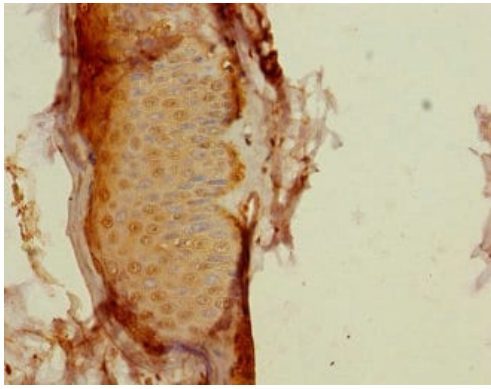Western blot - Anti-CALML3 antibody (ab230240)

Anti-CALML3 antibody (ab230240) at 1/1000 dilution + A431

(human epidermoid carcinoma cell line) whole cell lysate

Secondary
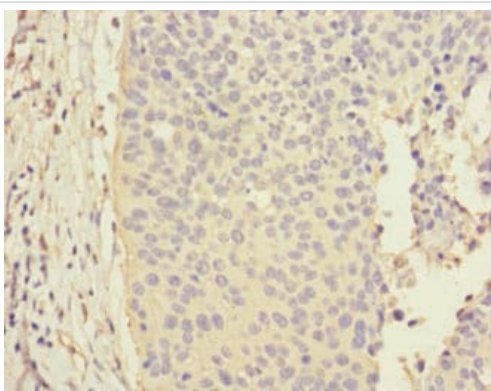Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 17 kDa
Observed band size: 17 kDa

Paraffin-embedded human skin tissue stained for CALML3 using ab230240 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CALML3 antibody (ab230240)

Paraffin-embedded human cervical cancer tissue stained for CALML3 using ab230240 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CALML3 antibody (ab230240)

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

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