abcam

Product datasheet

Anti-Casein antibody ab231346

2 Images

Overview

Product name	Anti-Casein antibody
Description	Rabbit polyclonal to Casein
Host species	Rabbit
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human
Immunogen	Recombinant full length protein (His-T7-tag) corresponding to Human Casein aa 1 to the C-terminus. (Expressed in E.coli) Database link: **P47710** Run BLAST with Run BLAST with
Positive control	WB: Recombinant human Casein protein; HeLa lysate.
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: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Purification notes	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab231346 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 a concentration of 0.2 - 2 µg/ml.

Target

Function Important role in the capacity of milk to transport calcium phosphate.
Casoxin D acts as opioid antagonist and has vasorelaxing activity mediated by bradykinin B1 receptors.

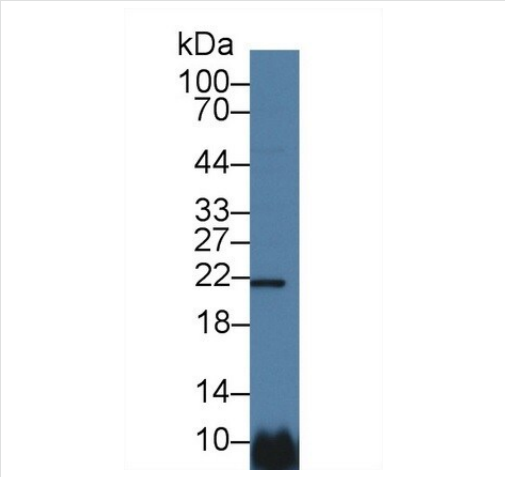
Tissue specificity Mammary gland specific. Secreted in milk.

Sequence similarities Belongs to the alpha-casein family.

Post-translational modifications Not glycosylated.

Cellular localization Secreted.

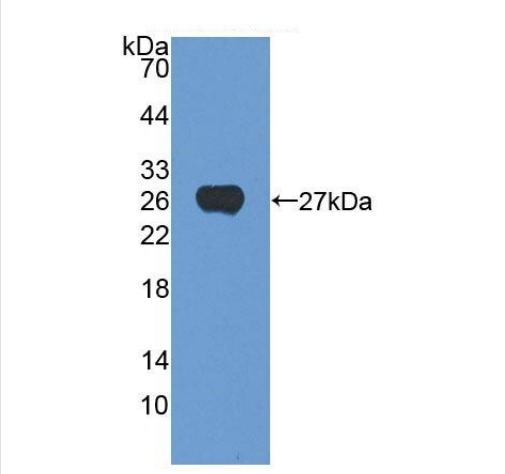
Images



Western blot - Anti-Casein antibody (ab231346)

Anti-Casein antibody (ab231346) at 1 µg/ml + HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate.

Developed using the ECL technique.



Western blot - Anti-Casein antibody (ab231346)

Anti-Casein antibody (ab231346) at 1 µg/ml + Recombinant human Casein protein.

Developed using the ECL technique.

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

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