

Anti-alpha Lactalbumin antibody ab112972

Overview

Product name	Anti-alpha Lactalbumin antibody
Description	Goat polyclonal to alpha Lactalbumin
Host species	Goat
Tested applications	Suitable for: IHC-P, ICC, WB, ELISA
Species reactivity	Reacts with: Cow
Immunogen	The details of the immunogen for this antibody are not available.
General notes	<p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 6.8</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituent: 99% PBS</p>
Purity	Immunogen affinity purified
Purification notes	Antiserum was solid phase adsorbed to ensure specificity. ab112972 was isolated by affinity chromatography using antigen coupled to agarose beads.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab112972 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
IHC-P		Use at an assay dependent concentration.
ICC		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 16 kDa. Colorimetric: Use 1/1000-1/10000 dilution; Chemiluminescent: Use 1/1000-1/30000 dilution.
ELISA		Use at an assay dependent concentration. Coating: Use 1/100-1/500 dilution; Primary: Use 1/1000-1/30000 dilution.

Target

Function	Regulatory subunit of lactose synthase, changes the substrate specificity of galactosyltransferase in the mammary gland making glucose a good acceptor substrate for this enzyme. This enables LS to synthesize lactose, the major carbohydrate component of milk. In other tissues, galactosyltransferase transfers galactose onto the N-acetylglucosamine of the oligosaccharide chains in glycoproteins.
Tissue specificity	Mammary gland specific. Secreted in milk.
Sequence similarities	Belongs to the glycosyl hydrolase 22 family.
Cellular localization	Secreted.

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
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