

HRP Anti-Lactoferrin antibody ab112970

Overview

Product name	HRP Anti-Lactoferrin antibody
Description	HRP Goat polyclonal to Lactoferrin
Host species	Goat
Conjugation	HRP
Tested applications	Suitable for: ELISA, IHC-P, ICC, WB
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. Store at +4°C.
Storage buffer	pH: 6.80 Constituents: 0.2% BSA, 0.05% CMIT/MIT based preservative, 99% PBS
Purity	Immunogen affinity purified
Purification notes	Antiserum was solid phase adsorbed to ensure specificity. ab112970 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 ab112970 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
ELISA		Use at an assay dependent concentration.
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: 78 kDa. Colorimetric: Use 1/1000-1/10000 dilution; Chemiluminescent: Use 1/1000-1/30000 dilution.

Target

Function	<p>Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate.</p> <p>Lactotransferrin has antimicrobial activity which depends on the extracellular cation concentration. Lactoferroxins A, B and C have opioid antagonist activity. Lactoferroxin A shows preference for mu-receptors, while lactoferroxin B and C have somewhat higher degrees of preference for kappa-receptors than for mu-receptors.</p> <p>The lactotransferrin transferrin-like domain 1 functions as a serine protease of the peptidase S60 family that cuts arginine rich regions. This function contributes to the antimicrobial activity.</p>
Sequence similarities	<p>Belongs to the transferrin family.</p> <p>Contains 2 transferrin-like domains.</p>
Cellular localization	Secreted.

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