



Datasheet for ABIN677153

## anti-Beta Lactoglobulin (LGB) (AA 11-110) antibody



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### 1 Publication

#### Overview

Quantity:	100 µL
Target:	Beta Lactoglobulin (LGB)
Binding Specificity:	AA 11-110
Reactivity:	Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from bovine Beta-lactoglobulin
Isotype:	IgG
Cross-Reactivity:	Goat
Predicted Reactivity:	Cow, Sheep
Purification:	Purified by Protein A.

#### Target Details

Target:	Beta Lactoglobulin (LGB)
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## Target Details

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Alternative Name: beta lactoglobulin ([LGB Products](#))

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Background: Synonyms: beta-lactoglobulin precursor, progestagen-associated endometrial protein, Beta lactoglobulin B, Beta-lactoglobulin, Beta-LG, Bos d 5, BLG, LACB\_BOVIN, LGB.  
Background: Bovine beta-lactoglobulin is the content of the milk in the category of a protein myosin. Protein contained in whole milk (3.7 percent) to 80 % of the casein in the removal of the casein whey protein, 55 % of the beta-lactoglobulin. Access to the crystallization of the isoelectric point = 5.2, the pH in this dual capacity under the main structure. The people in latex-free Beta-lactoglobulin. The beta-lactoglobulin and bov beta-lactoglobulinA-based.

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Gene ID: 280838

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## Application Details

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Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: 4 °C,-20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months

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## Publications

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Product cited in: Zhou, Wan, Guo, Deng, Deng, Wang, Zhang, Wang: "Generation of beta-lactoglobulin knock-out goats using CRISPR/Cas9." in: **PLoS ONE**, Vol. 12, Issue 10, pp. e0186056, (2017) ([PubMed](#)).