



Rabbit Anti-Beta-lactoglobulin antibody

SL2065R

Product Name:	Beta-lactoglobulin
Chinese Name:	β-乳球蛋白抗体
Alias:	Lactoglobulin beta; beta-lactoglobulin precursor; progestagen-associated endometrial protein; Beta lactoglobulin B; Beta-lactoglobulin; Beta-LG; Bos d 5; BLG; LACB_BOVIN; LGB; Beta-LG.
文献引用 PubMed :	Specific References(1) SL2065R has been referenced in 1 publications. [IF=5.58]Luo, Yan, et al. "Generation of TALE nickase-mediated gene-targeted cows expressing human serum albumin in mammary glands." Scientific Reports 6 (2016): 20657. WB;Bovine. PubMed:26853907
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Cow,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	18kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from cow Beta-lactoglobulin:51-130/178
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year

	when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>bov 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.</p> <p>Function: Primary component of whey, it binds retinol and is probably involved in the transport of that molecule.</p> <p>Subunit: Under physiological conditions beta-lactoglobulin exists as an equilibrium mixture of monomeric and dimeric forms.</p> <p>Subcellular Location: Secreted.</p> <p>Tissue Specificity: Synthesized in mammary gland and secreted in milk.</p> <p>Post-translational modifications: Alternate disulfide bonds occur in equal amounts in all variants examined.</p> <p>Similarity: Belongs to the calycin superfamily. Lipocalin family.</p> <p>SWISS: P02754</p> <p>Gene ID: 280838</p> <p>Database links: Entrez Gene: 280838Cow SwissProt: Q32P89Cow Unigene: 385Cow</p> <p>Important Note: This product as supplied is intended for research use only, not for use in human,</p>

therapeutic or diagnostic applications.

β -

乳球蛋白是含于乳中的球蛋白类的一种蛋白质。牛乳中所含全蛋白(3.7%)的80%为酪蛋白, 在除去酪蛋白的乳清蛋白质中55%为 β -乳蛋白。

可获得其结晶, 等电点=5.2, 在此pH下主要成双量体结构。而人的乳液中不含 β -乳球蛋白。

该 β -乳球蛋白与牛 β -乳球蛋白A型基因、牛 β -乳球蛋白B型基因、山羊和绵羊 β -乳球蛋白基因的同源性分别为98.55%, 99.79%, 90.70%和90.09%。

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