

Anti-Alpha-lactalbumin Antibody

Mouse monoclonal antibody to Alpha-lactalbumin

Catalog # AP61567

Product Information

Application	WB
Primary Accession	P00709
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	16225

Additional Information

Gene ID	3906
Other Names	LYZL7; Alpha-lactalbumin; Lactose synthase B protein; Lysozyme-like protein 7
Target/Specificity	Recognizes endogenous levels of Alpha-lactalbumin protein.
Dilution	WB~~WB (1/1000 - 1/2000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

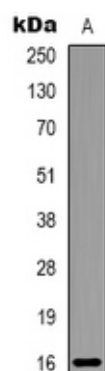
Protein Information

Name	LALBA
Synonyms	LYZL7
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.
Cellular Location	Secreted.
Tissue Location	Mammary gland specific. Secreted in milk.

Background

KLH-conjugated synthetic peptide encompassing a sequence of human Alpha-lactalbumin. The exact sequence is proprietary.

Images



Western blot analysis of Alpha-lactalbumin expression in Milk (A) whole cell lysates.

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