10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Alpha-lactalbumin Antibody

Catalog # AP61567

Product Information

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

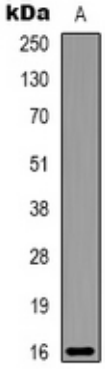
Additional Information

Gene ID	3906
Other Names	LYZL7; Alpha-lactalbumin; Lactose synthase B protein; Lysozyme-like protein 7
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence of human Alpha-lactalbumin. The exact sequence is proprietary.
Dilution	WB~~WB (1/1000 - 1/2000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% 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.

Images



Western blot analysis of Alpha-lactalbumin expression in Milk (A) whole cell lysates. (Predicted band size: 16 kD; Observed band size: 16 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.