

Polyclonal Antibody to Alpha-Lactalbumin (aLA)

Alpha-Lactalbumin

Catalog # AP74603

Product Information

Application	WB
Primary Accession	P00711
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16247

Additional Information

Gene ID	281894
Other Names	LALBA; LYZL7; Lactose Synthase B Protein; Lysozyme Like Protein 7
Target/Specificity	Bos taurus; Bovine (Cattle)
Dilution	WB~~Western blotting: 0.5-2 μ g/mL Immunohistochemistry: 5-20 μ g/mL Immunocytochemistry: 5-20 μ g/mL Optimal working dilutions must be determined by end user.
Format	0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	LALBA
Synonyms	ALACTA
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

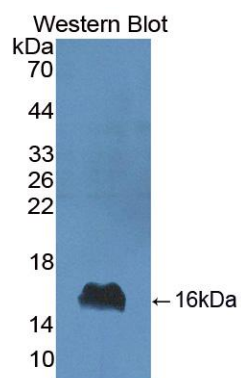


Figure. Western Blot; Sample: Recombinant aLA, Bovine.

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