

Rabbit anti-Human LALBA Polyclonal Antibody | anti-LALBA antibody

LALBA Antibody (Center)

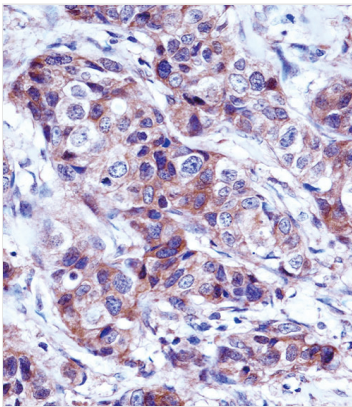
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28660	Rabbit	Human	Western Blot, ELISA, Immunohistochemistry

PRODUCT SYNONYMS

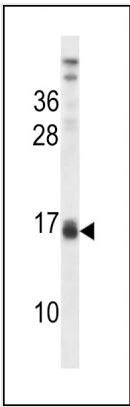
LALBA; Polyclonal Antibody; LALBA Antibody (Center); Alpha-lactalbumin; Lactose synthase B protein; Lysozyme-like protein 7; LYZL7; anti-LALBA antibody

PRODUCT SPECIFICATIONS

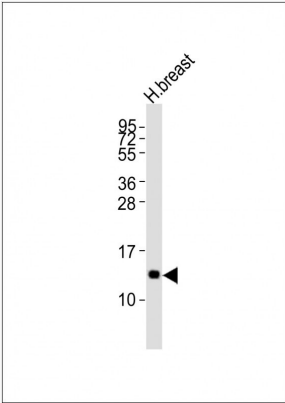
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LALBA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 39-68 amino acids from the Central region of human LALBA.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	39-68
Sequence Length	142
Applicable Applications for anti-LALBA antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry)
Application Notes	WB~~1:1000
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



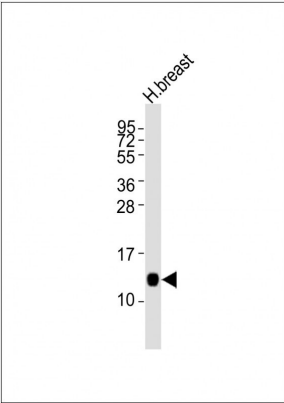
IHC (Immunohistochemistry)
LALBA Antibody (Center) (AAA28660)immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of LALBA Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



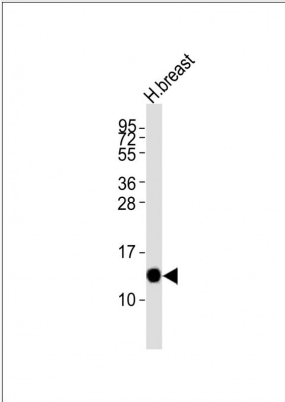
WB (Western Blot)
LALBA Antibody (Center) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the LALBA antibody detected the LALBA protein (arrow).



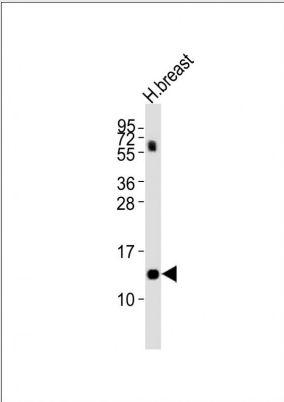
WB (Western Blot)
Anti-LALBA Antibody (Center)at 1:2000 dilution + human breast lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 16 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
Anti-LALBA Antibody (Center)at 1:2000 dilution + human breast lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 16 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
Anti-LALBA Antibody (Center)at 1:2000 dilution + human breast lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 16 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
Anti-LALBA Antibody (Center)at 1:2000 dilution + human breast lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 16 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-LALBA antibody	This gene encodes alpha-lactalbumin, a principal protein of milk. Alpha-lactalbumin forms the regulatory subunit of the lactose synthase (LS) heterodimer and beta 1,4-galactosyltransferase (beta4Gal-T1) forms the catalytic component. Together, these proteins enable LS to produce lactose by transferring galactose moieties to glucose. As a monomer, alpha-lactalbumin strongly binds calcium and zinc ions and may possess bactericidal or antitumor activity. A folding variant of alpha-lactalbumin, called HAMLET, likely induces apoptosis in tumor and immature cells.
Product Categories/Family for anti-LALBA antibody	Crown Antibodies; Cell Biology; Immunology; Microbiology
References	Tolin, S., et al. FEBS J. 277(1):163-173(2010) Rosner, H.I., et al. J. Mol. Biol. 394(2):351-362(2009) Wang, J., et al. J. Dairy Sci. 91(12):4466-4476(2008) Ramboarina, S., et al. J. Am. Chem. Soc. 130(46):15318-15326(2008) Morozova, O.B., et al. J Phys Chem B 109(12):5912-5918(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504947
NCBI GeneID	3906
NCBI Accession #	NP_002280.1
NCBI GenBank Nucleotide #	NM_002289.2
UniProt Accession #	P00709; Q6FGX0; Q9UDK4
Molecular Weight	16225
NCBI Official Full Name	alpha-lactalbumin
NCBI Official Synonym Full Names	lactalbumin, alpha-
NCBI Official Symbol	LALBA
NCBI Protein Information	alpha-lactalbumin
UniProt Protein Name	Alpha-lactalbumin
UniProt Gene Name	LALBA
UniProt Synonym Gene Names	LYZL7
UniProt Entry Name	LALBA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/lalba-antibody-western-blot-immunohistochemistry-elisa/28660>