

MaxPab®

LALBA purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003906-B01P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human LALBA protein.
Immunogen	LALBA (ADR82816.1, 1 a.a. ~ 142 a.a) full-length human protein.
Sequence	MRFFVPLFLVGILFPAILAKQFTKCELSQLLKDIDGYGGIALPELICTMFHTSGYDTQAVENNESTEY GLFQISNKLWCKSSQVPQSRNICDISCDKFLDDDDITDDIMCAKKILDIKGIDYWLAKALCTEKLEQ WLCEKL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (68); Rat (70)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — LALBA

Entrez GeneID [3906](#)

GeneBank Accession# [HQ258062.1](#)

Protein Accession#	ADR82816.1
Gene Name	LALBA
Gene Alias	MGC138521, MGC138523
Gene Description	lactalbumin, alpha-
Omim ID	149750
Gene Ontology	Hyperlink
Gene Summary	<p>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 (beta 4Gal-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. [provided by RefSeq]</p>
Other Designations	lactose synthase B protein

Pathway

- [Galactose metabolism](#)