

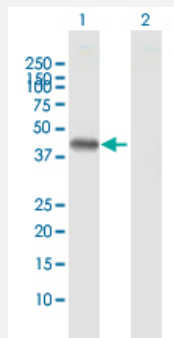
MaxPab®

LECT1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00011061-D01

Size 100 uL

Applications

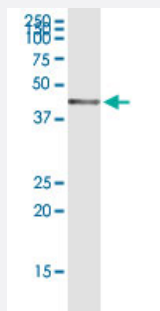


Western Blot (Transfected lysate)

Western Blot analysis of LECT1 expression in transfected 293T cell line ([H00011061-T01](#)) by LECT1 MaxPab polyclonal antibody.

Lane 1: LECT1 transfected lysate(37.10 kDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of LECT1 transfected lysate using anti-LECT1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with LECT1 purified MaxPab mouse polyclonal antibody (B01P) ([H00011061-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human LECT1 protein.

Immunogen

LECT1 (NP_008946.1, 1 a.a. ~ 334 a.a) full-length human protein.

Sequence

MTENSDKVPIALVGPDDVEFCSPPAYATLTVKPSSPARLLKVGAVVLISGAVLLLFGAIGAFYFWK
GSDSHYNVHYTMSINGKLQDGSMEIDAGNNLETFKMGSGAEAAVNDFFQNGITGIRFAGGEKCYI
KAQVKARIPFVGAVTKQSISSKLEGKIMPVKYEENSLIWWAVDQPVKDNSFLSSKVLELCGDLPF
WLKPTYPKFQIRERREVVRKMPVTTTKRPHSGPRSNPGAGRLNNETRPSVQEDSQAFNPDNPYH
QQEGESMTFDPRLDHEGICCECRRSYTHCQKICEPLGGYYPWPYNYQGCRSACRVIMPCSWWW
ARILGMV

Host

Rabbit

Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (88)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — LECT1

Entrez GeneID	11061
GeneBank Accession#	NM_007015.2
Protein Accession#	NP_008946.1
Gene Name	LECT1
Gene Alias	BRICD3, CHM-I, CHM1
Gene Description	leukocyte cell derived chemotaxin 1
Omim ID	605147
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a glycosylated transmembrane protein that is cleaved to form a mature, secreted protein. The N-terminus of the precursor protein shares characteristics with other surfactant proteins and is sometimes called chondrosurfactant protein although no biological activity has yet been defined for it. The C-terminus of the precursor protein contains a 25 kDa mature protein called leukocyte cell-derived chemotaxin-1 or chondromodulin-1. The mature protein promotes chondrocyte growth and inhibits angiogenesis. This gene is expressed in the avascular zone of prehypertrophic cartilage and its expression decreases during chondrocyte hypertrophy and vascular invasion. The mature protein likely plays a role in endochondral bone development by permitting cartilaginous anlagen to be vascularized and replaced by bone. It may be involved also in the broad control of tissue vascularization during development. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations

BRICHOS domain containing 3|OTTHUMP00000018466|chondromodulin I

Disease

- [Arthritis](#)
- [Disease Progression](#)
- [Osteoarthritis](#)