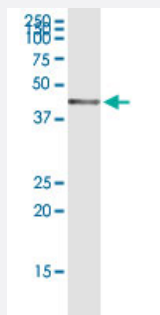


# LECT1 (Human) IP-WB Antibody Pair

Catalog # H00011061-PW2

Size 1 Set

## Applications



Immunoprecipitation of LECT1 transfected lysate using rabbit polyclonal anti-LECT1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-LECT1.

## Specification

<b>Product Description</b>	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (88); Rat (88)
<b>Quality Control Testing</b>	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of LECT1 transfected lysate using rabbit polyclonal anti-LECT1 and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with mouse purified polyclonal anti-LECT1.
<b>Supplied Product</b>	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-LECT1 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-LECT1 (50 ug)
<b>Storage Instruction</b>	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — LECT1

**Entrez GeneID** [11061](#)

**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](#)