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## anti-LECT1 antibody (N-Term)





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Quantity:	100 μL	
Target:	LECT1	
Binding Specificity:	N-Term	
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This LECT1 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human LECT1	
Immunogen: Sequence:	The immunogen is a synthetic peptide directed towards the N terminal region of human LECT1  AIAVNDFQNG ITGIRFAGGE KCYIKAQVKA RIPEVGAVTK QSISSKLEGK	
Sequence:	AIAVNDFQNG ITGIRFAGGE KCYIKAQVKA RIPEVGAVTK QSISSKLEGK  Cow: 100%, Dog: 92%, Guinea Pig: 93%, Horse: 92%, Human: 100%, Mouse: 100%, Rabbit: 92%,	
Sequence: Predicted Reactivity:	AIAVNDFQNG ITGIRFAGGE KCYIKAQVKA RIPEVGAVTK QSISSKLEGK  Cow: 100%, Dog: 92%, Guinea Pig: 93%, Horse: 92%, Human: 100%, Mouse: 100%, Rabbit: 92%, Rat: 100%  This is a rabbit polyclonal antibody against LECT1. It was validated on Western Blot using a cell	
Sequence:  Predicted Reactivity:  Characteristics:	AIAVNDFQNG ITGIRFAGGE KCYIKAQVKA RIPEVGAVTK QSISSKLEGK  Cow: 100%, Dog: 92%, Guinea Pig: 93%, Horse: 92%, Human: 100%, Mouse: 100%, Rabbit: 92%, Rat: 100%  This is a rabbit polyclonal antibody against LECT1. It was validated on Western Blot using a cell lysate as a positive control.	

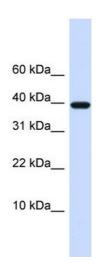
### **Target Details**

LECT1 (LECT1 Products)	
LECT1 is a glycosylated transmembrane protein that is cleaved to form a mature, secreted	
protein. The mature protein promotes chondrocyte growth and inhibits angiogenesis. The	
mature protein likely plays a role in endochondral bone development by permitting cartilaginou	
anlagen to be vascularized and replaced by bone. It may be involved also in the broad control of	
tissue vascularization during development. 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-derive	
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 cartilaginou	
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.	
Alias Symbols: BRICD3, CHM-I, CHM1, MYETS1	
Protein Interaction Partner: MYC, APOA1, FURIN,	
Protein Size: 334	
37 kDa	
11061	
NM_007015, NP_008946	
075829	
Optimal working dilutions should be determined experimentally by the investigator.	
Antigen size: 334 AA	
For Research Use only	

#### Handling

Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Images**



#### **Western Blotting**

**Image 1.** WB Suggested Anti-LECT1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: 721\_B cell lysate LECT1 is supported by BioGPS gene expression data to be expressed in 721\_B