

For Research Use Only

# Malectin Polyclonal antibody

Catalog Number: 26655-1-AP

Featured Product

8 Publications



## Basic Information

Catalog Number:

26655-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24379

GenBank Accession Number:

BC000371

GeneID (NCBI):

9761

UNIPROT ID:

Q14165

Full Name:

malectin

Calculated MW:

292 aa, 32 kDa

Observed MW:

32 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : mouse colon tissue, human placenta tissue, rat colon tissue

## Background Information

Malectin is a conserved, endoplasmic reticulum (ER)-resident lectin that recognizes high mannose oligosaccharides displaying terminal glucose residues. Like other intracellular lectins involved in glycoprotein quality control, malectin is highly conserved in animals (PMID: 21298103).

## Notable Publications

Author	Pubmed ID	Journal	Application
Ning Jiang	33144078	Exp Cell Res	WB
Naoki Fujitani	33983715	Biochemistry	WB
Amanda DiGuilio	39259761	Mol Biol Cell	

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

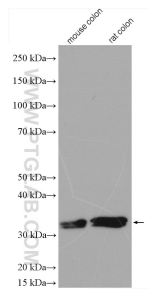
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26655-1-AP (Malectin antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.