

For Research Use Only

Ficolin 2 Polyclonal antibody

Catalog Number: 32442-1-AP



Basic Information

Catalog Number:

32442-1-AP

Size:

150ul , Concentration: 300 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37525

GenBank Accession Number:

NM_004108

GeneID (NCBI):

2220

UNIPROT ID:

Q15485

Full Name:

ficolin (collagen/fibrinogen domain containing lectin) 2 (hucolin)

Calculated MW:

34 kDa

Observed MW:

34-35 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, rat

Positive Controls:

WB : rat lung tissue,

Background Information

Ficolins are a group of oligomeric lectins with subunits consisting of both collagen-like and fibrinogen-like domains (PMID: 20375620). They are innate pattern recognition receptors and play integral roles in the immune response. In humans, there are three ficolins termed M-, L-, and H-ficolin (also referred to as ficolin-1, -2, and -3) whereas rodents only possess ficolin-A and -B, which are the orthologues of human L- and M-ficolin, respectively (PMID: 30868077). Ficolin 2 recognizes pathogen-associated pattern molecules (PAMPs) on the surface of pathogenic microorganisms, activates the complement lectin pathway, and binds to mannose-binding lectin-associated serine proteases (MASPs) to exert immune defense function (PMID: 21315829).

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

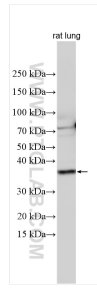
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32442-1-AP (FCN2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.