

For Research Use Only

ABCA3 Polyclonal antibody

Catalog Number: 27450-1-AP



Basic Information

Catalog Number:

27450-1-AP

Size:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24749

GenBank Accession Number:

BC140895

GeneID (NCBI):

21

UNIPROT ID:

Q99758

Full Name:

ATP-binding cassette, sub-family A (ABC1), member 3

Observed MW:

140-160 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

Species Specificity:

human, rat

Positive Controls:

WB: unboiled rat lung tissue,

Background Information

ABCA3 belongs to the ATP-binding cassette (ABC) transporter superfamily. ABCA3, which is expressed in alveolar type II pneumocytes and localizes predominantly to the limiting membrane of lamellar bodies, is critical for synthesis of surfactant (PMID: 17267394). Mutation of the ABCA3 gene causes fatal surfactant deficiency in newborns (PMID: 15044640).

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

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

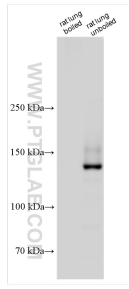
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



unboiled rat lung tissue were subjected to SDS PAGE followed by western blot with 27450-1-AP (ABCA3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.