

Datasheet for ABIN2778136
anti-A1BG antibody (N-Term)



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Overview

| | |
|----------------------|-------------------------------------|
| Quantity: | 100 µL |
| Target: | A1BG |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This A1BG 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 A1BG |
| Sequence: | MAPVSWITPG LKTTAVCRGV LRGVTFLRR EGDHEFLEVP EAQEDVEATF |
| Predicted Reactivity: | Human: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against A1BG. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

| | |
|-------------------|--------------------------------------|
| Target: | A1BG |
| Alternative Name: | A1BG (A1BG Products) |

Target Details

Background: A1BG is a plasma glycoprotein of unknown function. It shows sequence similarity to the variable regions of some immunoglobulin supergene family member proteins.

Alias Symbols: A1B, ABG, GAB, HYST2477, A1BG

Protein Interaction Partner: LNX1, ACAT2, UBC, SUMO2, OLA1, TUBB3, PAPSS1, UBA3, PKM, HMGB3, HEXA, FH, ALDH9A1, AHCY, BAG3, TTC39C, PSAT1, SSU72, DAK, VASP, TERF1, CDX2, CSNK2A1,

Protein Size: 495

Molecular Weight: 54 kDa

Gene ID: 39

NCBI Accession: [NM_130786](#), [NP_570602](#)

UniProt: [P04217](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 495 AA

Restrictions: For Research Use only

Handling

Format: Liquid

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.

Publications

Product cited in:

Surin, Sachon, Rougier, Steverlyncck, Garreau, Lelongt, Ronco, Piedagnel: "LG3 fragment of endorepellin is a possible biomarker of severity in IgA nephropathy." in: **Proteomics**, Vol. 13, Issue 1, pp. 142-52, (2013) ([PubMed](#)).

Kim, Gu, Choi, Kim, Song, Yun, Chung, Choi, Baek: "Apolipoprotein A-IV as a novel gene associated with polycystic ovary syndrome." in: **International journal of molecular medicine**, Vol. 31, Issue 3, pp. 707-16, (2013) ([PubMed](#)).

Tian, Cui, Song, Zong, Zhou, Chen, Han: "Proteomic analysis identifies MMP-9, DJ-1 and A1BG as overexpressed proteins in pancreatic juice from pancreatic ductal adenocarcinoma patients." in: **BMC cancer**, Vol. 8, pp. 241, (2008) ([PubMed](#)).

Abdul-Rahman, Lim, Hashim: "Expression of high-abundance proteins in sera of patients with endometrial and cervical cancers: analysis using 2-DE with silver staining and lectin detection methods." in: **Electrophoresis**, Vol. 28, Issue 12, pp. 1989-96, (2007) ([PubMed](#)).

Abdi, Quinn, Jankovic, McIntosh, Leverenz, Peskind, Nixon, Nutt, Chung, Zabetian, Samii, Lin, Hattan, Pan, Wang, Jin, Zhu, Li, Liu, Waichunas, Montine, Zhang: "Detection of biomarkers with a multiplex quantitative proteomic platform in cerebrospinal fluid of patients with neurodegenerative disorders." in: **Journal of Alzheimer's disease : JAD**, Vol. 9, Issue 3, pp. 293-348, (2006) ([PubMed](#)).

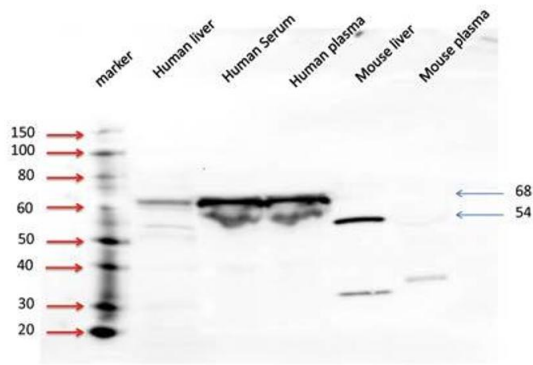
Images



Western Blotting

Image 1. WB Suggested Anti-A1BG Antibody Titration:
0.1ug/ml Positive Control: Fetal Liver

A1BG



See Immunoblot 2 Data and Customer Feedback tab for more information.



Rabbit Anti-A1BG Antibody
 Catalog Number: ARP33810
 Lot Number: QC4918
 Lane: HepG2 Cell Lysate
 Antibody Titration: 1.0 µg/ml
 Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-A1BG Antibody

Titration: 5 ug/ml

Positive Control: human liver, human serum, human plasma

Western Blotting

Image 3. WB Suggested Anti-A1BG Antibody Titration: 1.25 µg/mL

Positive Control: HepG2 Whole Cell

ACAT2 is supported by BioGPS gene expression data to be expressed in HepG2

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN2778136.