

ABCG1 Antibody

CAB4328

Description

This ABCG1 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB4328
Contents: 20 μ L, 100 μ L
Bradford Reagent: 1 vial (2ml)
Category: Polyclonal Antibody
Synonyms: ABC8, WHITE1, ABCG1
Clone: -
Applications: **WB** | **IHC-P** | **ELISA** | **IF-P**
Conjugation: Unconjugated
Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 9619
Uniprot: AB_2765627
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 75kDa
Calculated MW: 76kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

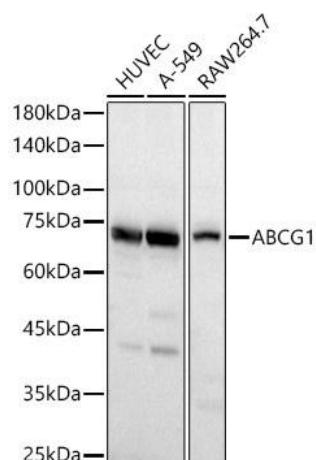
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HUVEC, A-549, RAW264.7

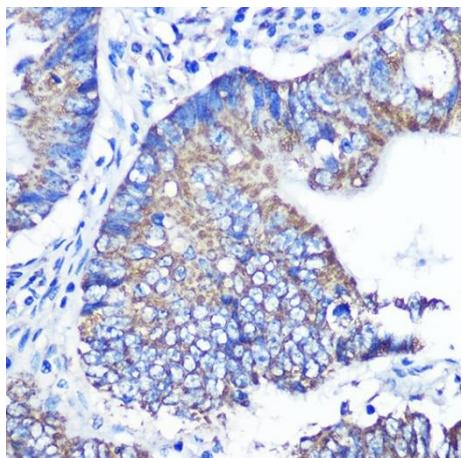
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|-------------------------------|--|-----------|----------------|-------------|--------------|--------------|--------------|--------------|---|
| Recommended Dilutions: | <table border="1"> <tr> <td>WB</td><td>1:500 - 1:1000</td></tr> <tr> <td>IF-P</td><td>1:50 - 1:100</td></tr> <tr> <td>IHC-P</td><td>1:50 - 1:200</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table> | WB | 1:500 - 1:1000 | IF-P | 1:50 - 1:100 | IHC-P | 1:50 - 1:200 | ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| WB | 1:500 - 1:1000 | | | | | | | | |
| IF-P | 1:50 - 1:100 | | | | | | | | |
| IHC-P | 1:50 - 1:200 | | | | | | | | |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. | | | | | | | | |

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates, using ABCG1 Rabbit pAb (CAB4328) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 20s.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using ABCG1 Rabbit pAb (CAB4328) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.