9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

# KD-Validated Anti-ABCD1 Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

ABG1172

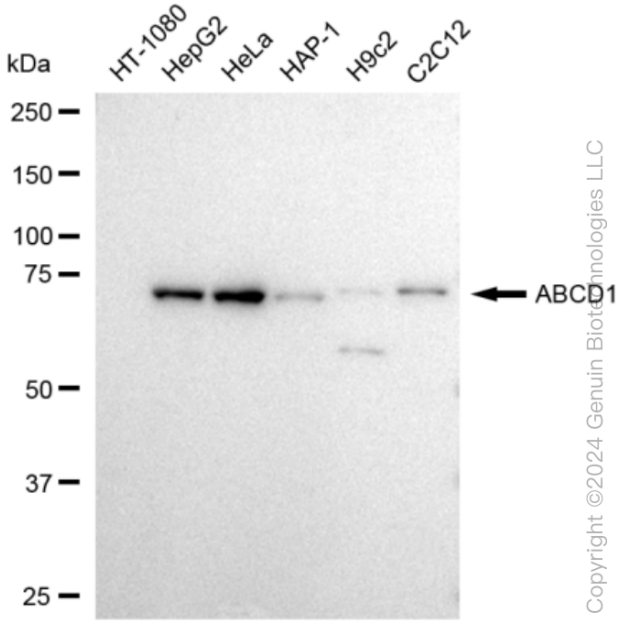
## Product Overview

| | |
|---|---|
| **Name** | KD-Validated Anti-ABCD1 Rabbit Monoclonal Antibody |
| **Accession(Primary)** | P33897 |
| **Host Species** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype** | Rabbit IgG |
| **Immunogen** | A synthesized peptide derived from human ABCD1 / ALD |
| **Species Reactivity** | Human, Mouse, Rat |
| **Calculated MW** | Predicted, 83 kDa, observed, 73 kDa |
| **Storage Buffer** | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide. |
| **Recommended Dilution** | Western Blotting (WB): 1:1,000-1:5,000 |

## Target information (P33897)

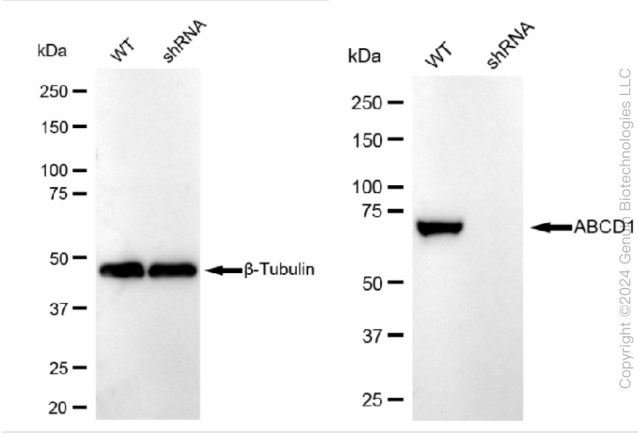
| | |
|---|---|
| **Gene Name** | ABCD1 |
| **About Gene Symbol** | ABCD1 (ATP Binding Cassette Subfamily D Member 1) is a membrane transporter involved in membrane transport. It is an important research target in pharmacology, drug resistance, and membrane biology and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |

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Western blotting analysis using anti-ABCD1 antibody (Cat#ABG1172). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ABCD1 antibody (Cat#ABG1172, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.




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Western blotting analysis using anti-ABCD1 antibody (Cat#ABG1172). ABCD1 expression in wild type (WT) and ABCD1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-ABCD1 antibody (Cat#ABG1172, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.