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

# KD-Validated Anti-APBB1 Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

ABG1220

## Product Overview

| | |
|---|---|
| **Name** | KD-Validated Anti-APBB1 Rabbit Monoclonal Antibody |
| **Accession(Primary)** | O00213 |
| **Host Species** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype** | Rabbit IgG |
| **Immunogen** | A synthesized peptide derived from human FE65 |
| **Species Reactivity** | Human |
| **Calculated MW** | Predicted, 77 kDa, observed, 100 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 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000 |

## Target information (O00213)

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|---|---|
| **Gene Name** | APBB1 |
| **About Gene Symbol** | APBB1 (Amyloid Beta Precursor Protein Binding Family B Member 1) is a signaling adaptor protein involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |

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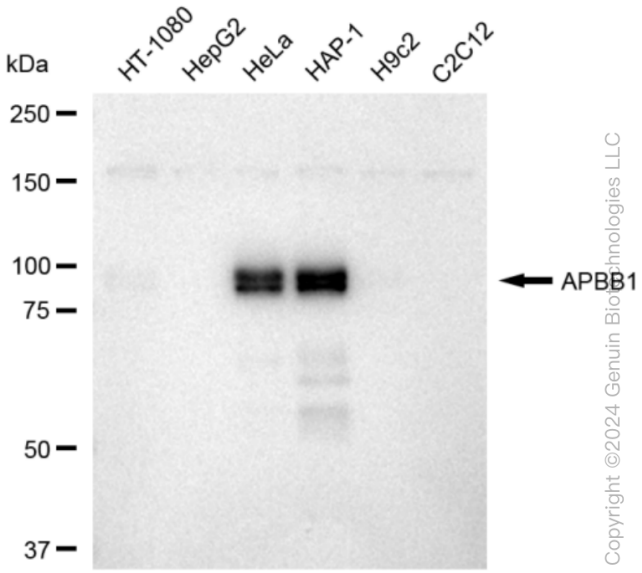


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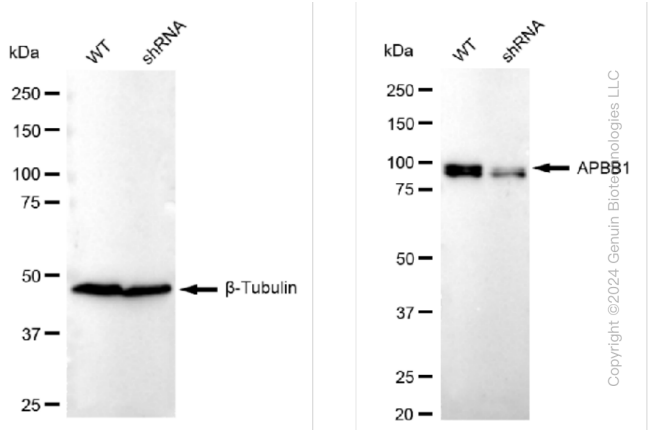
Western blotting analysis using anti-APBB1 antibody (Cat#ABG1220). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-APBB1 antibody (Cat#ABG1220, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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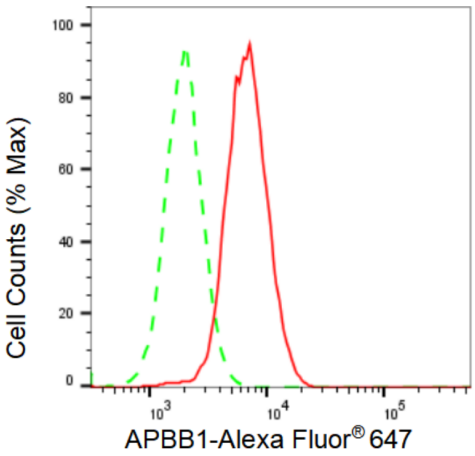
Western blotting analysis using anti-APBB1 antibody (Cat#ABG1220). APBB1 expression in wild type (WT) and APBB1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-APBB1 antibody (Cat#ABG1220, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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Flow cytometric analysis of APBB1 expression in HAP-1 cells using APBB1 antibody (Cat#ABG1220, 1:2,000). Green, isotype control; red, APBB1.

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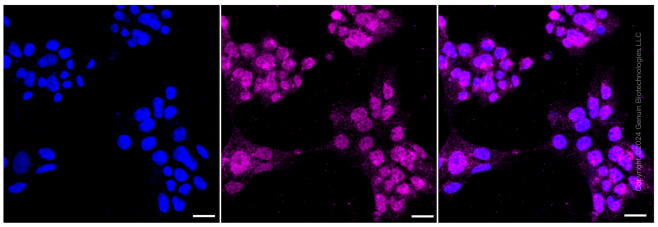

Immunocytochemical staining of HAP-1 cells with APBB1 antibody (Cat#ABG1220, 1:1,000). Nuclei were stained blue with DAPI; APBB1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 µm.