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

KD-Validated Anti-PBP Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1631

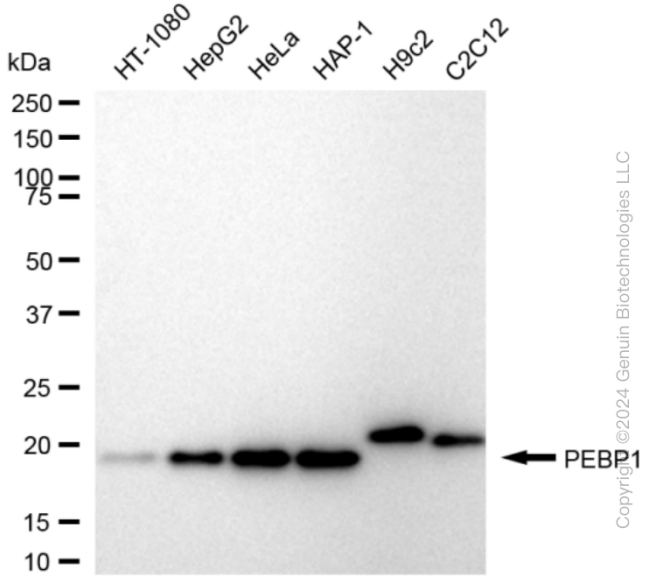
Product Overview

Name	KD-Validated Anti-PBP Rabbit Monoclonal Antibody
Accession(Primary)	P30086
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PEBP1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 21 kDa , observed , 21 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 Immunocytochemistry (IC): 1:100-1:1,000 Flow Cytometry (FCM): 1:2,000

Target information (P30086)

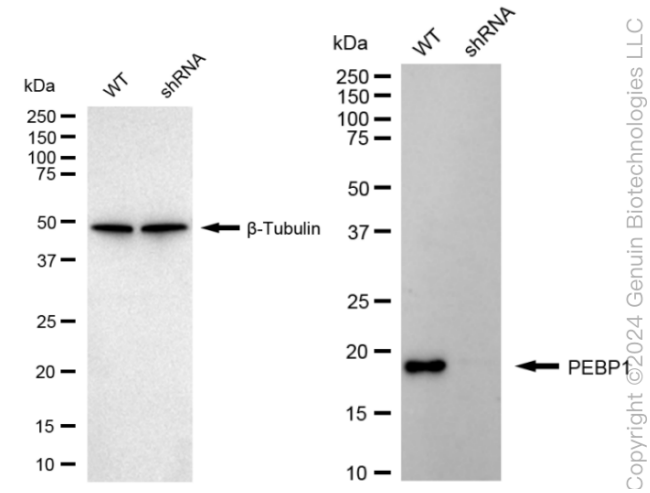
Gene Name	PEBP1
About Gene Symbol	PEBP1 (Phosphatidylethanolamine Binding Protein 1) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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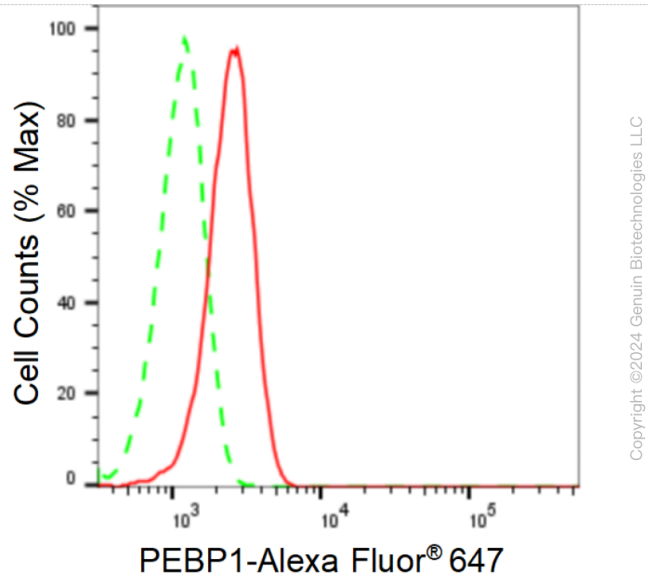
Western blotting analysis using anti-PEBP1 antibody (Cat#ABG1631). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PEBP1 antibody (Cat#ABG1631, 1:5,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.

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Western blotting analysis using anti-PEBP1 antibody (Cat#ABG1631). PEBP1 expression in wild type (WT) and PEBP1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-PEBP1 antibody (Cat#ABG1631, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

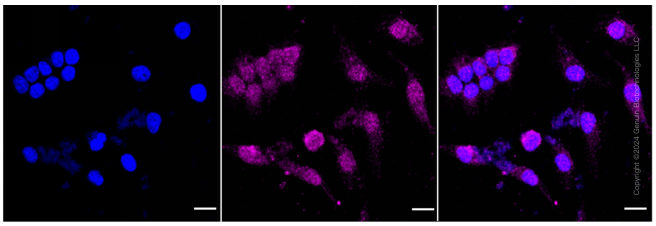
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Flow cytometric analysis of PEBP1 expression in HeLa cells using PEBP1 antibody (Cat#ABG1631, 1:2,000). Green, isotype control; red, PEBP1.

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Immunocytochemical staining of Hela cells with anti-PEBP1 antibody (Cat#ABG1631, 1:1,000). Nuclei were stained blue with DAPI; PEBP1 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.