

KD-Validated Anti-RBBP4 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1664

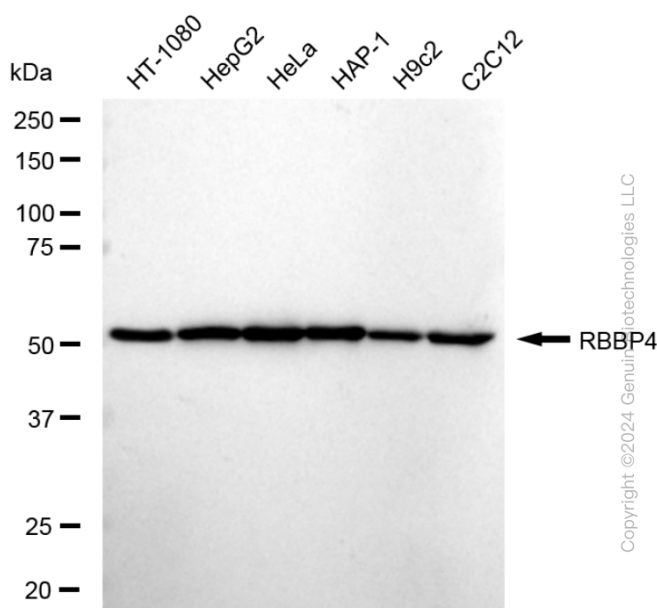
Product Overview

Name	KD-Validated Anti-RBBP4 Rabbit Monoclonal Antibody
Accession(Primary)	Q09028
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human RbAp48
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 48 kDa , observed , 52 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

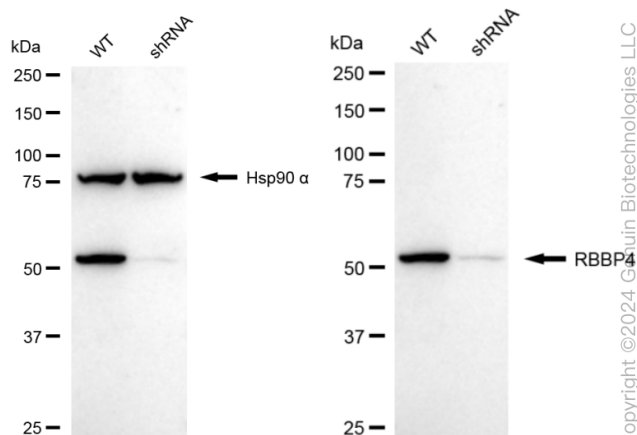
Target information (Q09028)

Gene Name	RBBP4
About Gene Symbol	RBBP4 (RB Binding Protein 4, Chromatin Remodeling Factor) is an epigenetic and nuclear regulatory protein involved in chromatin remodeling and epigenetics. It is an important research target in epigenetic regulation, chromatin biology, and cancer research and is widely studied to elucidate cellular mechanisms and identify

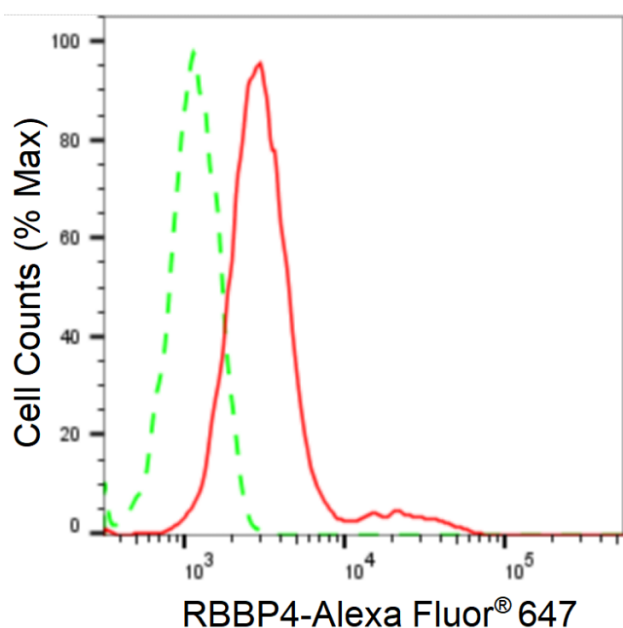
therapeutic targets.



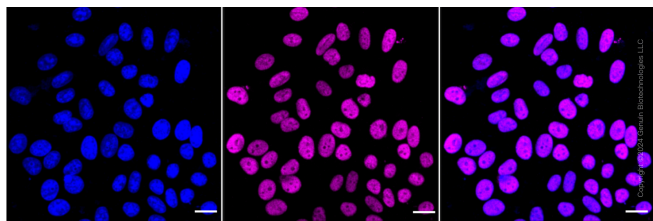
Western blotting analysis using anti-RBBP4 antibody (Cat#ABG1664). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RBBP4 antibody (Cat#ABG1664, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-RBBP4 antibody (Cat#ABG1664). RBBP4 expression in wild type (WT) and RBBP4 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-RBBP4 antibody (Cat#ABG1664, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of RBBP4 expression in HepG2 cells using anti-RBBP4 antibody (Cat#ABG1664, 1:2,000). Green, isotype control; red, RBBP4.



Immunocytochemical staining of HepG2 cells with anti-RBBP4 antibody (Cat#ABG1664, 1:1,000).

Nuclei were stained blue with DAPI; RBBP4 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.