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anti-PPP2R2B antibody (AA 104-130)

3 Images



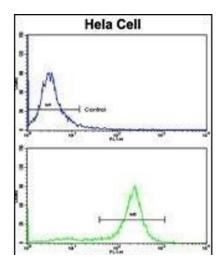
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0.101.1011	
Quantity:	400 μL
Target:	PPP2R2B
Binding Specificity:	AA 104-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R2B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)
Product Details	
Immunogen:	This PPP2R2B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 104-130 amino acids from the Central region of human PPP2R2B.
Clone:	RB21638
Isotype:	lg Fraction
Predicted Reactivity:	B, Pr, M, Pig, Rb, Rat, X
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	PPP2R2B

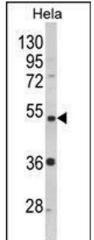
Target Details

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Alternative Name:	PPP2R2B (PPP2R2B Products)
Background:	PPP2R2B belongs to the phosphatase 2 regulatory subunit B family. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This protein is a beta isoform of the regulatory subunit B55 subfamily.
Molecular Weight:	51710
Gene ID:	5521
NCBI Accession:	NP_001258828, NP_001258829, NP_001258877, NP_858060, NP_858061, NP_858062, NP_858063, NP_858064
UniProt:	Q00005
Pathways:	PI3K-Akt Signaling, Mitotic G1-G1/S Phases, Hepatitis C
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



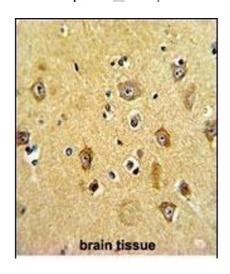
Flow Cytometry

Image 1. Flow cytometric analysis of hela cells using P2R2B Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goatanti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of P2R2B Antibody (Center) (ABIN652541 and ABIN2842364) in Hela cell line lysates (35 μ g/lane). P2R2B (arrow) was detected using the purified Pab.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human brain tissue with P2R2B Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.