



Anti-PPP1R9B (aa 708-817) polyclonal antibody (DPAB-DC3492)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a scaffold protein that functions as a regulatory subunit of protein phosphatase 1a. Expression of this gene is particularly high in dendritic spines, suggesting that the encoded protein may play a role in receiving signals from the central nervous system. The encoded protein has putative tumor suppressor function and decreased expression has been observed in tumors.
Immunogen	PPP1R9B (NP_115984, 708 a.a. ~ 817 a.a) partial recombinant protein with GST tag. The sequence is QLEQSVEENKERMEKLEGYWGEAQLCQAVDEHLRETQAQYQALERKYSKAKRLIKDYQQ KEIEFLKKETAQRRVLEESELARKEEMDKLLDKISELEGNLQTLRNSNST
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PPP1R9B protein phosphatase 1, regulatory subunit 9B [Homo sapiens (human)]
Official Symbol	PPP1R9B
Synonyms	PPP1R9B; protein phosphatase 1, regulatory subunit 9B; Spn; SPINO; PPP1R6; PPP1R9; neurabin-2; neurabin-II; protein phosphatase 1, regulatory (inhibitor) subunit 9B; protein phosphatase 1, regulatory subunit 9B, spinophilin;
Entrez Gene ID	84687
Protein Refseq	NP_115984
UniProt ID	D3DTX6
Chromosome Location	17q21.33
Function	actin binding; protein binding; protein phosphatase 1 binding; protein phosphatase inhibitor activity