



Anti-PPP1R11 (aa 20-118) polyclonal antibody (DPABH-12268)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene belongs to the TDG/mug DNA glycosylase family. Thymine-DNA glycosylase (TDG) removes thymine moieties from G/T mismatches by hydrolyzing the carbon-nitrogen bond between the sugar-phosphate backbone of DNA and the mispaired thymine. With lower activity, this enzyme also removes thymine from C/T and T/T mispairings. TDG can also remove uracil and 5-bromouracil from mispairings with guanine. This enzyme plays a central role in cellular defense against genetic mutation caused by the spontaneous deamination of 5-methylcytosine and cytosine. This gene may have a pseudogene in the p arm of chromosome 12.
Immunogen	Recombinant fragment corresponding to Human PPP1R11 aa 20-118. (BC102010).Sequence: TTEPENRSLTIKLRKRKPEKKVEWTS DTV DNEHMGRRSSKCCCIYEKPRA FGESSTESDEEEEEGCGHTHCVRGHRKGRRRATLGPTPTTPPQPPDPSQ Database link: O60927
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	100 µg

Buffer	pH: 7.20; Constituents: 98% PBS, 1% BSA
Preservative	0.01% Sodium Azide
Storage	Shipped at 4°C. Store at 4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

GENE INFORMATION

Gene Name	PPP1R11 protein phosphatase 1, regulatory (inhibitor) subunit 12 [Homo sapiens]
Official Symbol	PPP1R11
Synonyms	PPP1R11; protein phosphatase 1, regulatory (inhibitor) subunit 11; HCGV; IPP3; HCG-V; TCTE5; TCTEX5; protein phosphatase 1 regulatory subunit 11; HCG V; inhibitor-3; protein phosphatase inhibitor 3; t-complex-associated-testis-expressed 5; hemochromatosis candidate gene V protein; protein phosphatase 1, regulatory (inhibitor) subunit 11, isoform 1;
Entrez Gene ID	6992
Protein Refseq	NP_068778.1
UniProt ID	A2BEK1
Function	protein binding; protein phosphatase inhibitor activity;