



Anti-PRPS2 (aa 160-269) polyclonal antibody (DPAB-DC2512)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a phosphoribosyl pyrophosphate synthetase that plays a central role in the synthesis of purines and pyrimidines. The encoded protein catalyzes the synthesis of 5-phosphoribosyl 1-pyrophosphate from ATP and D-ribose 5-phosphate. Alternate splicing results in multiple transcript variants.
Immunogen	PRPS2 (NP_002756, 160 a.a. ~ 269 a.a) partial recombinant protein with GST tag. The sequence is AEWKNCIIVSPDAGGAKRVTSIADRLNVEFALIHKKKANEVDRMVLVGDKDRVAILV DDMADTCGTICHAADKLLSAGATKVYAILTHGIFSGPAISRINNAAFEAV
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), 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 [PRPS2 phosphoribosyl pyrophosphate synthetase 2 \[Homo sapiens \(human\) \]](#)

Official Symbol	PRPS2
Synonyms	PRPS2; phosphoribosyl pyrophosphate synthetase 2; PRSII; ribose-phosphate pyrophosphokinase 2; PRS-II; PPRibP synthetase; ribose-phosphate diphosphokinase 2; phosphoribosyl pyrophosphate synthase II;
Entrez Gene ID	5634
Protein Refseq	NP_001034180
UniProt ID	P11908
Chromosome Location	Xp22.2
Pathway	5-Phosphoribose 1-diphosphate biosynthesis; Biosynthesis of amino acids; Carbon metabolism; Glycogen storage diseases.
Function	ADP binding; AMP binding; ATP binding; GDP binding