



Anti-PTPRN2 polyclonal antibody (DPAB-DC819)

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

PRODUCT INFORMATION

Antigen Description	PTPRN2 (protein tyrosine phosphatase, receptor type, N polypeptide 2) is a protein-coding gene. Diseases associated with PTPRN2 include melkersson-rosenthal syndrome, and multiple cranial nerve palsy, and among its related super-pathways are Allograft rejection and PAK Pathway. GO annotations related to this gene include transmembrane receptor protein tyrosine phosphatase activity. An important paralog of this gene is PTPRN.
Specificity	Specific to recombinant protein GX2111. This antibody detects mPTPRN2 protein.
Immunogen	Recombinant GST fusion protein corresponding to 192 amino acids of mouse Ptpn2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	50 µg
Buffer	In PBS (50% glycerol, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Ptprn2 protein tyrosine phosphatase, receptor type, N polypeptide 2 [Mus musculus (house mouse)]
Official Symbol	PTPRN2
Synonyms	PTPRN2; protein tyrosine phosphatase, receptor type, N polypeptide 2; Phol; PTP-NP; IA2beta; phogrin; mKIAA0387; 4930425H11Rik; receptor-type tyrosine-protein phosphatase N2; R-PTP-N2; IA-2 beta; PTP IA-2beta; protein tyrosine phosphatase-NP;
Entrez Gene ID	19276
Protein Refseq	NP_035345
UniProt ID	A3KN68
Chromosome Location	12 F; 12 62.65 cM
Pathway	Type I diabetes mellitus.
Function	hydrolase activity; phosphatase activity; phosphoprotein phosphatase activity; protein binding