



# Anti-PTPRF (aa 1286-1298) polyclonal antibody (DPABH-08928)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Possible cell adhesion receptor. It possesses an intrinsic protein tyrosine phosphatase activity (PTPase). The first PTPase domain has enzymatic activity, while the second one seems to affect the substrate specificity of the first one.
<b>Immunogen</b>	Synthetic peptide: KDEQSIGLKDSLL with a Cysteine residue linker, corresponding to amino acids 1286-1298 of Human LAR (NP_569707.2).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein G purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">PTPRF protein tyrosine phosphatase, receptor type, F [ Homo sapiens ]</a>
<b>Official Symbol</b>	PTPRF
<b>Synonyms</b>	PTPRF; protein tyrosine phosphatase, receptor type, F; LAR; receptor-type tyrosine-protein phosphatase F; LCA-homolog; leukocyte common antigen related; leukocyte antigen-related (LAR) PTP receptor; leukocyte antigen-related tyrosine phosphatase; receptor-linked protein-tyrosine phosphatase LAR; protein tyrosine phosphatase, receptor type, F polypeptide;
<b>Entrez Gene ID</b>	<a href="#">5792</a>
<b>Protein Refseq</b>	<a href="#">NP_002831.2</a>
<b>UniProt ID</b>	<a href="#">P10586</a>
<b>Pathway</b>	Adherens junction; BDNF signaling pathway; Cell adhesion molecules (CAMs); Insulin signaling pathway
<b>Function</b>	heparin binding; protein tyrosine phosphatase activity; protein tyrosine phosphatase activity; transmembrane receptor protein tyrosine phosphatase activity