



# Anti-PROL1 (aa 30-42) polyclonal antibody (DPABH-27817)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Opiorphin is an endogenous inhibitor of neprilysin and aminopeptidase N. Inhibits the breakdown of substance P, Mca-BK2 and Met-enkephalin by neprilysin in vitro with IC50 values of 29 $\mu$ M, 33 $\mu$ M and 33 $\mu$ M respectively. Inhibits the breakdown of Ala-pNA by aminopeptidase N in vitro with an IC50 of 65 $\mu$ M. Has a potent analgesic effect when administered to rats by intravenous injection.
<b>Immunogen</b>	Synthetic peptide: QFPVRKYLEDPKY with a Cysteine residue linker, corresponding to internal sequence amino acids 30-42 of Mouse Prol1 (NP_032670.2).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ICC/IF
<b>Format</b>	Liquid
<b>Size</b>	200 $\mu$ l
<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 repeated freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">PROL1 proline rich, lacrimal 2 [ Mus musculus ]</a>
Official Symbol	PROL1
Synonyms	PROL1; proline rich, lacrimal 1; Muc10; mucin 10; mucin 10, submandibular gland salivary mucin;
Entrez Gene ID	<a href="#">17830</a>
Protein Refseq	<a href="#">NP_032670.2</a>
UniProt ID	<a href="#">E9PYQ4</a>
Function	protein binding;