



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

Antigen Description	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 μ M, 33 μ M and 33 μ M respectively. Inhibits the breakdown of Ala-pNA by aminopeptidase N in vitro with an IC50 of 65 μ M. Has a potent analgesic effect when administered to rats by intravenous injection.
Immunogen	Synthetic peptide: QFPVRKYLEDPRY with a Cysteine residue linker, corresponding to internal sequence amino acids 30-42 of Mouse Prol1 (NP_032670.2).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ICC/IF
Format	Liquid
Size	200 μ l
Buffer	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

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