



Anti-Prol1 antibody ab119999

[3 References](#) [1 Image](#)

Overview

Product name	Anti-Prol1 antibody
Description	Goat polyclonal to Prol1
Host species	Goat
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Mouse
Immunogen	Synthetic peptide corresponding to Mouse Prol1 aa 1-100 (internal sequence) (Cysteine residue). Database link: NP_032670.2  Run BLAST with  Run BLAST with
Positive control	IHC-P: Mouse submandibular salivary gland.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
Purity	Immunogen affinity purified
Purification notes	ab119999 is purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab119999 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 3 µg/ml.

Target

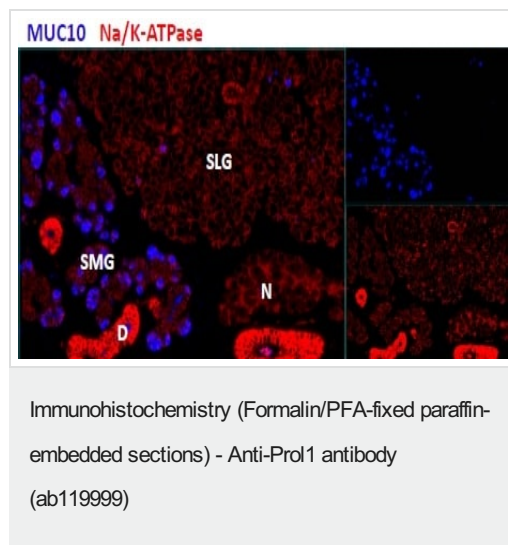
Relevance

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 µM, 33 µM and 33 µM respectively. Inhibits the breakdown of Ala-pNA by aminopeptidase N in vitro with an IC50 of 65 µM. Has a potent analgesic effect when administered to rats by intravenous injection.

Cellular localization

Secreted

Images



ab119999 (2.9 µg/ml) staining of cells in the submandibular salivary gland (SMG), but not in the sublingual salivary gland (SLG) in mouse.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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