A26991

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Pepsinogen I (PG I) Rabbit mAb

Catalog No.: A26991 Recombinant 1 Publications

Basic Information

Observed MW
Refer to figures

Calculated MW
42kDa

Category
SMab Recombinant Monoclonal Antibody

Applications
IHC-P,ELISA

Cross-Reactivity
Mouse,Rat

Background

This gene encodes a protein precursor of the digestive enzyme pepsin, a member of the peptidase A1 family of endopeptidases. The encoded precursor is secreted by gastric chief cells and undergoes autocatalytic cleavage in acidic conditions to form the active enzyme, which functions in the digestion of dietary proteins. This gene is found in a cluster of related genes on chromosome 11, each of which encodes one of multiple pepsinogens. Pepsinogen levels in serum may serve as a biomarker for atrophic gastritis and gastric cancer.

Recommended Dilutions

IHC-P	1:200 - 1:800
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
643847

Swiss Prot
P0DJD7

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
PGA4

Contact

www.abclonal.com

Product Information

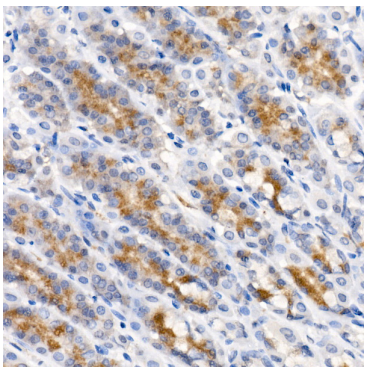
Source
Rabbit

Isotype
IgG

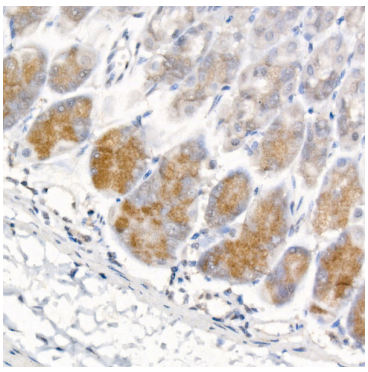
Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Immunohistochemistry analysis of paraffin-embedded Rat stomach tissue using Pepsinogen I (PG I) Rabbit mAb (A26991) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse stomach tissue using Pepsinogen I (PG I) Rabbit mAb (A26991) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.