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alpha Amylase 1 Recombinant Rabbit mAb

Catalog # AP96660

Product Information

Application	WB
Primary Accession	P0DUB6, P0DTE7, P0DTE8
Other Accession	P0DUB6, P0DTE7, P0DTE8
Reactivity	Human
Host	Rabbit
Clonality	Recombinant
Calculated MW	57768
Physical State	Liquid
Immunogen	A synthesized peptide derived from human alpha Amylase 1
Epitope Specificity	1-56/511
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Calcium-binding enzyme that initiates starch digestion in the oral cavity. Catalyzes the hydrolysis of internal (1->4)-alpha-D-glucosidic bonds, yielding a mixture of maltose, isomaltose, small amounts of glucose as well as small linear and branched oligosaccharides called dextrins.

Additional Information

Gene ID	276;277;278
Other Names	AMY1; amylase alpha 1A; amylase, alpha 1A; salivary; amylase alpha 1A (salivary)
Dilution	WB=1:1000-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	AMY1A (HGNC:474)
Synonyms	AMY1
Function	Calcium-binding enzyme that initiates starch digestion in the oral cavity

(PubMed:12527308). Catalyzes the hydrolysis of internal (1->4)-alpha-D-glucosidic bonds, yielding a mixture of maltose, isomaltose, small amounts of glucose as well as small linear and branched oligosaccharides called dextrins (PubMed:12527308).

Cellular Location Secreted.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.