

Anti-Pepsin antibody (HRP) ab34531

概述

产品名称	Anti-Pepsin抗体(HRP)
描述	山羊多克隆抗体to Pepsin (HRP)
宿主	Goat
偶联物	HRP
种属反应性	与反应: Goat, Pig
免疫原	Pepsin from Porcine Stomach
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.01% Gentamicin sulphate Constituents: 1% BSA, 0.42% Potassium phosphate, 0.87% Sodium chloride
纯度	BSA is IgG and Protease free IgG fraction
纯化说明	This product is purified by a multi-step process including delipidation, salt fractionation, ion exchange chromatography and extensive dialysis against buffer.
克隆	多克隆
同种型	IgG

应用

应用说明	Dot: Use at an assay dependent dilution.
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Immunoperoxidase Electron Microscopy: Use at an assay dependent dilution.

ELISA: 1/10000 - 1/50000.

This product has been assayed against 1.0µg of Porcine Pepsin in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenzothiazoline-6-sulfonic-acid]) as a substrate for 30 minutes at RT.

WB: Use at an assay dependent dilution. Predicted molecular weight: 42 kDa.

Suitable for other peroxidase-antibody based enzymatic assays.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

靶标

相关性 Pepsin is a digestive enzyme with particularly broad specificity. It is stored as pepsinogen, so only released when needed. In the stomach, chief cells release pepsinogen. The hormone gastrin and the vagus nerve trigger the release of both pepsinogen and HCl from the stomach lining when food is ingested. HCl creates an acidic environment which allows pepsinogen to unfold and cleave itself in an autocatalytic fashion, thereby generating pepsin (the active form). Pepsin may then cleave the dietary proteins into smaller peptides.

细胞定位 Secreted

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

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