

Datasheet for ABIN7565719
anti-REG3g antibody (HRP)



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Overview

Quantity:	25 µL
Target:	REG3g
Reactivity:	Potato
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This REG3g antibody is conjugated to HRP
Application:	Western Blotting (WB), Dot Blot (DB)

Product Details

Purpose:	Acid Phosphatase Antibody Peroxidase Conjugated
Immunogen:	Immunogen: Acid Phosphatase [Potato] Immunogen Type: Native Protein
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-Rabbit Serum as well as purified and partially purified Acid Phosphatase [Potato].
Characteristics:	Synonyms: rabbit anti-Acid Phosphatase Antibody Peroxidase Conjugation, HRP conjugated rabbit anti-Acid Phosphatase Antibody, Acid phosphatase 1 soluble antibody, PAP3, Acid phosphatase of erythrocyte antibody, Adipocyte acid phosphatase antibody, Cytoplasmic phosphotyrosyl protein phosphatase antibody, HAAP antibody
Purification:	Acid Phosphatase is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above.

Product Details

Sterility: Sterile filtered

Target Details

Target: REG3g

Alternative Name: PAP3 ([REG3g Products](#))

Background: Background: Acid Phosphatase is a phosphatase, a type of enzyme, used to free attached phosphate groups from other molecules during digestion. It is basically a phosphomonoesterase. It is stored in lysosomes and functions when these fuse with endosomes, which are acidified while they function, therefore, it has an acid pH optimum. Different forms of acid phosphatase are found in different organs, and their serum levels are used to evaluate the success of the surgical treatment of prostate cancer.

UniProt: [Q6J5M8](#)

Pathways: [Activation of Innate immune Response](#)

Application Details

Application Notes: Application Note: Anti-Acid Phosphatase Peroxidase Conjugated Antibody has been tested by dot blot and western blot and is suitable for use in ELISA and immunohistochemistry. Specific conditions for reactivity should be optimized by the end user. Western Blot Dilution: 1:250 Other: User Optimized

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.0 mg/mL

Buffer: Optional[Buffer]: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Preservative: 0.01 % (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of

Handling

reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

Expiry Date: 12 months