

Datasheet for 200-4140-0100**Acid Phosphatase Antibody****Overview**

Description:	Anti-Acid Phosphatase (Potato) (RABBIT) Antibody - 200-4140-0100
Item No.:	200-4140-0100
Size:	100 µg
Applications:	WB
Reactivity:	Acid Phosphatase (Potato)
Host Species:	Rabbit

Product Details

Background:	The catalytic activity of Acid Phosphatase is phosphate monoester + H ₂ O = an alcohol + phosphate.
Synonyms:	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
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	PAP3
Reactivity:	Acid Phosphatase (Potato)
Immunogen Type:	Native Protein
Immunogen:	Acid Phosphatase [Potato]

Purity/Specificity: Anti-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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as purified and partially purified Acid Phosphatase [Potato]. Cross reactivity against Acid Phosphatase from other tissues and species may occur but have not been specifically determined.

Relevant Links:

- [UniProtKB - Q6J5M8](#)
- [NCBI - AAT37528.1](#)

Application Details

Tested Applications:	WB
Application Note:	Anti-Acid Phosphatase has been tested by western blot and is suitable for use in ELISA and immunohistochemistry. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:4,000 - 1:40,000
IHC:	1:1,000 - 1:5,000
WB:	1:2,000 - 1:10,000

Formulation

Physical State:	Lyophilized
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None
Reconstitution Volume:	100 µL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition: Ambient

Storage Condition: Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Disclaimer

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