

R1045PS**Polyclonal Antibody to Acid Phosphatase - Purified****Alternate names:**

PAP, Purple acid phosphatase

Quantity:

0.1 mg

Concentration:

1.0 mg/ml (by UV absorbance at 280 nm)

Uniprot ID:[Q6J5M8](#)**NCBI:**[AAT37528.1](#)**Host:**

Rabbit

Immunogen:

Acid phosphatase from potato

Format:**State:** Lyophilized purified Ig fraction.**Purification:** Multi-step process including delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer**Buffer System:** 0.02 M Potassium phosphate, 0.15 M Sodium chloride, pH 7.2**Preservatives:** 0.01% Sodium azide**Reconstitution:** Restore with 0.1 ml of deionized water (or equivalent).**Applications:****Immunohistochemistry:** Paraffin (FFPE) or Frozen sections; 1/100 suggested to begin.**Western blot:** 1/2000-1/4000.**ELISA:** 1/4000-1/40000.

This product has been assayed against 1.0 µg of Acid phosphatase [potato] in a standard sandwich ELISA using peroxidase conjugated affinity purified anti-rabbit IgG [H&L] (goat) and ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/20,000 to 1/80,000 of the reconstitution concentration is suggested. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This product detects Acid phosphatase [potato]. Cross reactivity against acid phosphatase from other tissues and species may occur but have not been specifically determined.

Immunoelectrophoresis gives a single precipitin arc against anti-rabbit serum as well as purified and partially purified acid phosphatase [potato].

Storage:

Store lyophilized at 2-8°C for 6 months or at -20°C long term.

After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Dilute only prior to immediate use. Avoid repeated freezing and thawing.

Shelf life: one year from despatch.