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### Certificate of Analysis

**Product:** Peroxidase Conjugated Affinity Purified Anti-Acetylated Lysine (AcK) [Rabbit]

**Code:** 600-403-939

**Lot #:** 18224

**Size:** 100 µg

**Physical State:** Liquid (sterile filtered)

**Buffer:** 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.0

**Stabilizer:** 50% (v/v) Glycerol

**Preservative:** None

**Antibody Concentration:** 1 mg/ml

**Label:** Horseradish Peroxidase (HRP)

**Storage Conditions:** Store vial at -20° C prior to opening. Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to immediate use. Expiration date is one (1) year from date of opening.

**Application Note(s):** This affinity-purified antibody is suitable for use in ELISA and western blotting assays. The antibody reacts specifically with acetylated lysine residues. Although not tested, this antibody is likely functional in RIA, flow cytometry and immunohistochemistry.

<b>Recommended Dilutions:</b>	<b>ELISA</b>	1:5000
	<b>WESTERN BLOT</b>	1:1000-1:5000
	<b>IMMUNOPRECIPITATION</b>	User Optimized
	<b>IMMUNOHISTOCHEMISTRY</b>	User Optimized
	<b>OTHER APPLICATIONS</b>	User Optimized

**Purity and Specificity:** This product was prepared from monospecific antiserum by immunoaffinity chromatography using acetylated lysine peptide coupled to agarose followed by conjugation to horseradish peroxidase and subsequent purification. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit IgG and anti-Peroxidase. Reactivity is specific for acetylated lysine.

**Immunogen:** This affinity-purified antibody was prepared from whole rabbit serum produced by repeated immunizations with acetylated lysine conjugated KLH.

#### Related Product(s):

- [#600-401-939](#) Affinity Purified Anti-Acetylated Lysine (AcK) [Rabbit]
- [#600-403-939](#) Peroxidase Conjugated Affinity Purified Anti-Acetylated Lysine (AcK) [Rabbit]
- [#600-406-939](#) Biotin Conjugated Affinity Purified Anti-Acetylated Lysine (AcK) [Rabbit]
- [#611-703-127](#) Peroxidase Conjugated Affinity Purified Anti-RABBIT IgG (H&L) (DONKEY) MX10

**Note:** This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.

All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation.

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