

## Product datasheet for **R1074HRPS**

### Choline oxidase Goat Polyclonal Antibody

#### Product data:

|                        |   |
|------------------------|---|
| Product Type:          | Primary Antibodies  |
| Applications:          | ELISA, IP, WB   |
| Recommended Dilution:  | <b>Western blot:</b> 1/500-1/1,000.<br><b>Immunoprecipitation:</b> 1/100.<br><b>ELISA:</b> 1/1,000-1/2,500.<br>This product has been assayed against 1.0 µg of Choline oxidase [Alcaligenes spec.] in a standard capture ELISA using ABTS as a substrate for 30 minutes at room temperature.                        |
| Reactivity:            | Alcaligenes   |
| Host:                  | Goat  |
| Clonality:             | Polyclonal  |
| Immunogen:             | Choline oxidase from Alcaligenes spec.  |
| Specificity:           | This product detects Choline oxidase from Alcaligenes spec. Cross reactivity against Choline Oxidase from other sources is unknown.<br>Immuno-electrophoresis give a single precipitin arc against anti-peroxidase, anti-goat serum as well as purified and partially purified Choline Oxidase [Alcaligenes spec.]. |
| Formulation:           | 0.02 M Potassium phosphate, 0.15 M Sodium chloride, pH 7.2<br>Label: HRP<br>State: Purified<br>State: Lyophilized purified Ig fraction<br>Stabilizer: 10 mg/m BSA (immunoglobulin and protease free)<br>Preservative: 0.01% (w/v) Gentamicin sulfate (Do NOT add Sodium azide!)<br>Label: Horseradish peroxidase    |
| Reconstitution Method: | Restore with 0.1 ml of deionized water (or equivalent).   |
| Concentration:         | lot specific  |
| Purification:          | Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer  |
| Conjugation:           | HRP   |



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| <b>Storage:</b>       | Store lyophilized at 2-8°C for 6 months or at -20°C long term.<br>After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.<br>Avoid repeated freezing and thawing. |
| <b>Stability:</b>     | Shelf life: one year from despatch.   |
| <b>Database Link:</b> | <a href="#">P16101</a>  |
| <b>Background:</b>    | Choline oxidase catalyzes the oxidation of choline and betaine aldehyde to betaine with concomitant consumption of oxygen and production of hydrogen peroxide.  |