

## Product datasheet for **R1118HRPS**

### ABC3735 Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000-1/2500. <b>Immunoprecipitation:</b> 1/100. <b>Western blot:</b> 1/500-1/1000.
Reactivity:	Bacillus sp.
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Uricase from Bacillus species
Specificity:	This product detects Uricase (Bacillus species). Cross reactivity against uricase from other sources is unknown.
Formulation:	0.02 M Potassium phosphate, 0.15 M Sodium chloride, pH 7.2 Label: HRP State: Purified State: Lyophilized purified Ig fraction Stabilizer: 10 mg/mL BSA - immunoglobulin and protease free Preservative: 0.01% Gentamicin sulfate. (Do NOT add Sodium azide!)
Reconstitution Method:	Restore with 0.1 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Multi-step process including delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer
Conjugation:	HRP
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.
Stability:	Shelf life: one year from despatch.
Database Link:	<a href="#">Q5WBJ3</a>



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**Background:** Uricase is the peroxisomal enzyme responsible for the degradation of urate into allantoin. Uricase is a protein of 300 to 400 amino acids, its sequence is well conserved. It is mainly localised in the liver. In legumes, 2 forms of uricase are found: in the roots, the tetrameric form; and, in the uninfected cells of root nodules, a monomeric form, which plays an important role in nitrogen-fixation.

**Synonyms:** URIC, URO, UOX, EC 1.7.3.3, Urate oxidase