

## Product datasheet for **R1119HRPS**

### **XDH Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ELISA, IP, WB
<b>Recommended Dilution:</b>	Suitable for Immunoblotting (Western or Dot blot), ELISA, Immunoperoxidase electron microscopy and Immunohistochemistry as well as other peroxidase-antibody based enzymatic assays. <b>Western Blot:</b> 1:500 - 1:5,000 <b>Immunoprecipitation:</b> 1:100 <b>ELISA:</b> 1:5,000 - 1:20,000. This product has been assayed against 1.0 µg of Xanthine oxidase [bovine] in a standard capture ELISA using ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1:35,000 to 1:175,000 of the reconstitution concentration is suggested.
<b>Reactivity:</b>	Bovine
<b>Host:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Xanthine oxidase (XDH) from bovine buttermilk
<b>Specificity:</b>	This antibody detects bovine XDH. Cross reactivity against xanthine oxidase from other tissues and species may occur but have not been specifically determined. Immuno-electrophoresis give a single precipitin arc against anti-peroxidase, anti-Rabbit Serum as well as purified and partially purified Xanthine oxidase [bovine].
<b>Formulation:</b>	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!) Label: Horseradish peroxidase
<b>Reconstitution Method:</b>	Restore with 0.1 ml of deionized water (or equivalent).
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Multi-step process including delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer



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<b>Conjugation:</b>	HRP
<b>Storage:</b>	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. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Database Link:</b>	<a href="#">Entrez Gene 280960 Bovine P80457</a>
<b>Synonyms:</b>	Xanthine dehydrogenase/oxidase