

Product datasheet for **AP32827BT-N**

LYZ Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	ELISA. Immunocytochemistry. Immunohistochemistry on Frozen Sections. Western blotting. Recommended Working Dilutions: histochemical and cytochemical Use: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Highly purified lysozyme is isolated from pooled milk. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	The reactivity of the antiserum is restricted to Lysozyme. In immunoelectrophoresis and radial immunodiffusion (Ouchterlony), using various antiserum concentrations against normal human milk and tears a single precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with purified lysozyme. No reaction is obtained with any other plasma protein component or serum. Cross-reactivity: The antiserum does not cross-react with any other component of human plasma. Inter-species cross-reactivity is a normal feature of antibodies to plasma proteins since they frequently share antigenic determinants. Cross-reactivity of this antiserum has not been tested in detail.
Formulation:	PBS, pH 7.2 Label: Biotin State: Lyophilized purified hyperimmune IgG fraction Stabilizer: None Preservative: None Label: Fluorescein isothiocyanate isomer 1
Reconstitution Method:	Restore by adding 1 ml sterile distilled water



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Purification:	Hyperimmune antisera with strong precipitating activity are selected for fractionation by salt precipitation and purification of the IgG fraction by DEAE-chromatography
Conjugation:	Biotin
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. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	lysozyme (renal amyloidosis)
Database Link:	Entrez Gene 396218 Chicken P00698
Background:	Lysozyme, a bacteriolytic enzyme, has a molecular weight of about 15,000. Its concentration in plasma is low; in milk the concentration is reported to be between 5 and 220 mg/ml. Also tears contain a considerable amount of lysozyme.
Synonyms:	LYZ, LZM