Datasheet for ABIN105506

anti-Peroxidase antibody

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Overview

Quantity:	100 µg
Target:	Peroxidase
Reactivity:	Horseradish
Host:	Guinea Pig
Clonality:	Polyclonal
Conjugate:	This Peroxidase antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Peroxidase [Horseradish] Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity against Peroxidase from other tissues and species may occur but have not been specifically determined.
Purity:	Anti-Peroxidase (Horseradish) (Guinea Pig) Antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Guinea Pig Serum as well as purified and partially purified Peroxidase [Horseradish].
Endotoxin Level:	Low Endotoxin : No

Target Details

Target:	Peroxidase
Abstract:	Peroxidase Products
Background:	Horse Radish Peroxidase (HRP) is an enzyme that utilize organic peroxide compounds as electron donors. Naturally provides protection for plants against pathogens, but can be utilized in molecular biology to convert various substrates to detectable compounds (such as in Western Blotting and ELISAs). Anti-Peroxidase (Horseradish) (Guinea Pig) Antibody is ideal for investigators in Microbiology, Immunology, and Cell Biology research. Synonyms: HRP, Horseradish peroxidase, Guinea pig-anti-peroxidase antibody

Application Details

Application Notes:	Anti-Peroxidase (Horseradish) (Guinea Pig) Antibody is suitable for immunoblotting (western or dot blot), ELISA, immunoprecipitation, conjugation and most immunological methods requiring high titer and specificity. ELISA Dilution: 1:20.000 - 1:100.000 Immunohistochemistry Dilution: 1:1.000 - 1:5.000 Western Blot Dilution: 1:2.000 - 1:10.000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Handling Advice:	Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store vial at -20 °C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below.
Expiry Date:	Expiration date is one (1) year from date of opening.