

Datasheet for ABIN7565877 **anti-CES3 antibody (HRP)**



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Overview

Quantity:	25 µL
Target:	CES3
Reactivity:	Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CES3 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Esterase Antibody Peroxidase Conjugated
Immunogen:	Immunogen: Esterase [Porcine Liver] Immunogen Type: Native Protein
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum as well as purified and partially purified Esterase [Porcine Liver].
Characteristics:	Synonyms: rabbit anti-Esterase Antibody Peroxidase Conjugation, HRP conjugated rabbit anti-Esterase Antibody, Liver carboxylesterase, Proline-beta-naphthylamidase, Retinyl ester hydrolase
Purification:	Esterase 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.
Sterility:	Sterile filtered

Target Details

Target:	CES3
Alternative Name:	CES3 (CES3 Products)
Background:	Background: Esterase is a hydrolase enzyme that splits esters into an acid and an alcohol in a chemical reaction with water called hydrolysis.
Gene ID:	100626873, 343791015
UniProt:	Q29550
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Application Note: Anti-Esterase Peroxidase conjugated antibody has been tested by ELISA and western blot and is assayed against 1.0 µg of Esterase [Porcine Liver] in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:3,500 of the reconstitution concentration is suggested for this product. Immunohistochemistry Dilution: User Optimized Western Blot Dilution: 1:250 - 1:1,000 ELISA Dilution: 1:1,000 - 1:5,000 Other: User Optimized
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free Preservative: 0.01 % (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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

Handling

the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

Expiry Date: 12 months