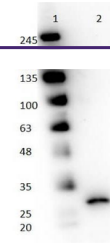

Product Datasheet

Papain antibody (Peroxidase) (orb344363)

Description	Papain antibody (Peroxidase)
Species/Host	Goat
Reactivity	Plant
Conjugation	HRP
Tested Applications	DOT, ELISA, IHC, WB
Immunogen	Anti-Papain Antibody was produced by repeated immunizations with pork Papain protein isolated from papaya.
Preservatives	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Form/Appearance	Lyophilized
Concentration	1.0 mg/mL
Storage	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Note	For research use only
Application notes	Anti-Papain peroxidase antibody has been tested by ELISA, dot blot, and western blot. This product is assayed against 1.0 ug of Papain [Carica papaya] in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:4,000 of the reconstitution concentration is suggested for this product. Researchers should determine optimal titers for applications that are not stated below.
Isotype	IgG
Clonality	Polyclonal
Purity	Anti-Papain 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-Peroxidase, anti-Goat Serum as well as purified and partially purified Papain [Carica papaya]. Cross reactivity against Papain from other sources may



Western Blot of Goat anti-Papain Antibod...