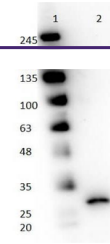


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## Product Datasheet

### Papain antibody (Peroxidase) (orb344364)

<b>Description</b>	Papain antibody (Peroxidase)
<b>Species/Host</b>	Goat
<b>Reactivity</b>	Plant
<b>Conjugation</b>	HRP
<b>Tested Applications</b>	DOT, ELISA, IHC, WB
<b>Immunogen</b>	Anti-Papain Antibody was produced by repeated immunizations with pork Papain protein isolated from papaya.
<b>Preservatives</b>	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
<b>Form/Appearance</b>	Liquid (sterile filtered)
<b>Concentration</b>	1.0 mg/mL
<b>Storage</b>	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. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
<b>Note</b>	For research use only
<b>Application notes</b>	Anti-Papain peroxidase antibody has been tested by ELISA, dot blot, and western blot. This product is assayed against 1.0 ug of Papain [ <i>Carica papaya</i> ] 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.
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Purity</b>	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



Western Blot of Goat anti-Papain Antibod...