

Datasheet for ABIN1043706
anti-Peroxidase antibody[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	Peroxidase
Reactivity:	Horseradish
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Peroxidase antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Dot Blot (DB), Immunoprecipitation (IP)

Product Details

Immunogen:	Peroxidase (Horseradish) Immunogen Type: NativeProtein
Isotype:	IgG
Specificity:	This product 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-Goat Serum as well as purified and partially purified Peroxidase (Horseradish). Cross-reactivity against Peroxidase from other tissues and species may occur but has not been specifically determined.
Sterility:	Sterile filtered

Target Details

Target:	Peroxidase
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Abstract:	Peroxidase Products
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Application Details

Application Notes:	Suitable for immunoblotting (western or dot blot), ELISA, immunoprecipitation and most immunological methods requiring high titer and specificity.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	1.0 mg/mL
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Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
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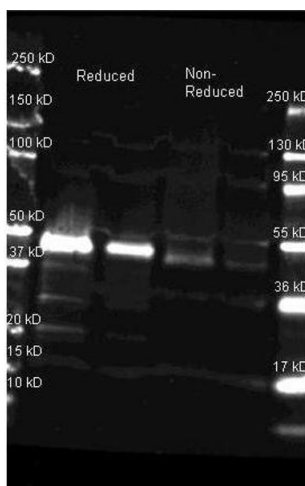
Preservative:	Sodium azide
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Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C/-20 °C
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Storage Comment:	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. Expiration date is one (1) year from date of opening.
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Expiry Date:	12 months
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Western Blotting

Image 1. Goat anti Peroxidase antibody was used to detect horse radish peroxidase under reducing and non-reducing conditions. Reduced samples of purified horse radish peroxidase contained 4% BME and were boiled for 5 minutes. Samples of ~1 and 0.25 ug of protein per lane were run by SDS-PAGE. Protein was transferred to nitrocellulose and probed with Goat anti Peroxidase antibody (200-1138 lot 25614 1:5K in MB-0070, ON 4 C). Primary antibody was detected with Dylight 649 conjugated Donkey anti Goat (605-743-125 lot 20834 1:10K 1.5 hr RT in ABIN925618 and imaged on the BioRad VersaDoc imaging system.