

# Anti-Guinea Pig Serum (Peroxidase Conjugated) Secondary Antibody

Rabbit Polyclonal, Peroxidase (Horseradish)

Catalog # ASR3297

## Product Information

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<b>Description</b>	Anti-GUINEA PIG SERUM (RABBIT) Antibody Peroxidase Conjugated
<b>Host</b>	Rabbit
<b>Conjugate</b>	Peroxidase (Horseradish)
<b>Target Species</b>	Guinea Pig
<b>Reactivity</b>	Guinea Pig
<b>Clonality</b>	Polyclonal
<b>Physical State</b>	Lyophilized
<b>Host Isotype</b>	IgG
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Immunogen</b>	Guinea Pig serum proteins
<b>Reconstitution Volume</b>	100 $\mu$ L
<b>Reconstitution Buffer</b>	Restore with deionized water (or equivalent)
<b>Stabilizer</b>	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
<b>Preservative</b>	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

## Additional Information

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<b>Shipping Condition</b>	Ambient
<b>Application Note</b>	Anti-Guinea Pig Serum has been assayed against 1.0 ug of Guinea Pig IgG 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 1:20,000 to 1:100,000 of the reconstitution concentration is suggested for this product.
<b>Purity</b>	Guinea Pig Serum is an IgG fraction antibody purified from polyspecific 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 and anti-Rabbit Serum. Multiple precipitin arcs were observed against Guinea Pig Serum.
<b>Storage Condition</b>	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.
<b>Precautions Note</b>	This product is for research use only and is not intended for therapeutic or diagnostic applications.

## Background

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Anti-Guinea Pig Serum antibody detects guinea pig serum proteins. Serum proteins are those proteins remaining in portion of plasma after coagulation of blood, during which process the plasma protein fibrinogen is converted to fibrin and remains behind in the clot. Anti-Guinea Pig Serum antibody is ideal for investigators involved in Cell Signaling, Cellular Biology and Signal Transduction research.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.