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## TECHNICAL INFORMATION

# cappel

Catalog Number: 55689

### **Peroxidase-Conjugated Goat Affinity Purified Antibody To Rabbit IgG (Whole Molecule)**

**DESCRIPTION:** Product is horseradish peroxidase (HRP)-conjugated goat affinity purified antibody to rabbit IgG (whole molecule) and buffer salts.

Antibody and highly purified HRP ( $R_z > 3.0$ ) are conjugated under defined conditions to obtain optimally labeled product. Conjugated protein is purified by salt fractionation. The product is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, adjusted to standard titer, filtered through a 0.22  $\mu$ m filter, and vialled.

**USES:** This product is suitable for use as a reagent in enzyme immunoassays (EIA), cell and tissue staining (for light microscopy), cell and tissue labeling (for electron microscopy), and blot immunostaining. Use of affinity purified antibodies is recommended to avoid non-specific binding from the inherent antibodies of host animals. (Note:  $F(ab')_2$  fragments are recommended for staining of cells or tissues which contain Fc receptors. See **Related Product Ordering Information** for these products.)

#### **SUGGESTED WORKING DILUTIONS:**

1:200 - 1:800 for Tissue Staining  
1:500 - 1:2,000 for Immunoblotting  
1:1,000 - 4,000 for Elisa

**It is recommended that each lab obtain their own optimal working dilution for each assay**

**SPECIFICATIONS:** The total protein is measured using the Biuret procedure with bovine albumin as standard. To ensure that the product titer falls within the required range, antibody titer is standardized by microtiter plate ELISA with rabbit IgG. The product is tested for purity and specificity at final concentration by immunoelectrophoresis. The antibody is goat IgG; no trace of albumin is detected. It shows reactivity to rabbit IgG; cross-reactivity to other species may exist. Because the product is directed against whole IgG, some antibodies are expected to bind light chain sites common to all immunoglobulins. Antibody activity to non-immunoglobulin serum proteins is not present.

#### **RELATED PRODUCT ORDERING INFORMATION:**

Catalog #DescriptionSize

55641 AFF.PUR. GOAT ANTI-RABBIT IGG (WHOLE MOLECULE) 2MG  
55644 AFF.PUR. F(AB')<sub>2</sub> GOAT ANTI-RABBIT IGG (WM)2MG  
55696 AFF.PUR. GOAT ANTI-RABBIT IGG (WM) AFF. GEL2ML  
59298 AKP AFFINITY PURIFIED GOAT ANTI-RABBIT IGG (WM)1ML  
59306 AKP AFF.PUR. F(AB')<sub>2</sub> GOAT ANTI-RABBIT IGG (WM)1ML  
55676 HRP GOAT ANTI-RABBIT IGG (WHOLE MOLECULE)2ML  
55686 HRP F(AB')<sub>2</sub> GOAT ANTI-RABBIT IGG (WM)2ML  
55688 HRP FAB GOAT ANTI-RABBIT IGG (WHOLE MOLECULE)2ML  
55693 HRP AFF.PUR. F(AB')<sub>2</sub> GOAT ANTI-RABBIT IGG (WM)2ML  
55944 PURIFIED RABBIT IGG50MG  
36315 DAB6x1ML  
36317 OPD6x1ML  
36318 TMB6x1ML  
36319 ABTS\6x1ML  
55984 NORMAL GOAT SERUM2ML  
ABTS is a registered trademark of Boehringer Mannheim GmbH.

[If a titer/working dilution is not given above, please click here to see a general dilution chart for working with antibodies. Please note that the general dilution chart should only be used as a guideline. Each lab should determine their own optimal working dilution.](#)

[Will this antibody work with your application? Please click here to see a general chart of antibody applications. Please note that any information given above is primary application data. The general applications charts should only be used as a reference.](#)