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Anti-RABBIT IgG (H&L) (Peroxidase Conjugated) Pre-adsorbed Secondary Antibody

Goat Polyclonal, Peroxidase (Horseradish)
Catalog # ASR3058

Product Information

Description	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated (Min X Bv Ch Gt GP Ham Hs Hu Ms Rt & Sh Serum Proteins)
Host	Goat
Conjugate	Peroxidase (Horseradish)
Target Species	Rabbit
Clonality	Polyclonal
Application	DB, WB
Physical State	Lyophilized
Host Isotype	IgG
Target Isotype	IgG (H&L)
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Rabbit IgG whole molecule
Reconstitution Volume	1.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

Additional Information

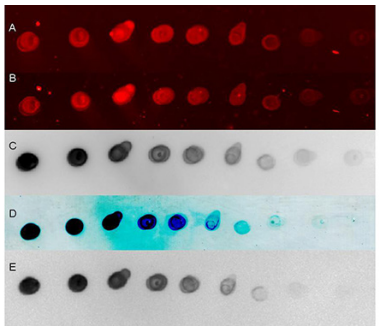
Shipping Condition	Ambient
Application Note	Secondary antibody reagents are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition.
Purity	Conjugated Second Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Rabbit IgG and Rabbit Serum. No reaction was observed against or Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rat and Sheep Serum Proteins.
Storage Condition	Store secondary antibody 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.

Precautions Note This product is for research use only and is not intended for therapeutic or diagnostic applications.

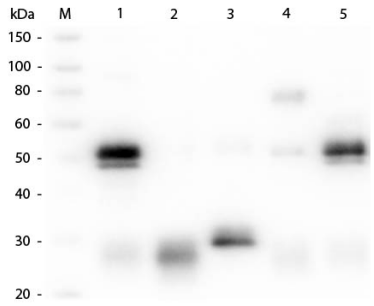
Background

Anti Rabbit HRP Conjugated Secondary Antibodies are ideal for Western Blotting, Immunohistochemistry, ELISA as well as other anibody detection methods.

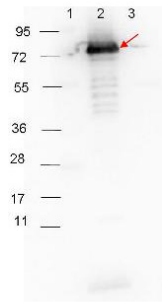
Images



Abcepta secondary antibodies detect rabbit primary antibodies in a variety of platforms. Shown here is a serial 1:1 dilution of control rabbit IgG protein (011-0102, 250ng starting total load) co incubated with Abcepta HRP conjugated Goat anti Rabbit IgG (ASR3058) and Dylight 649 conjugated goat anti Rabbit (611-143-122) 1:20K in MB-070. Blot was dried and imaged (A) on Biorad Versa Doc (30 sec, DyLight649), (B) LiCor Odyssey Reader (700 nm), (C) Rewetted incubated with Femtomax 110 reimaged using BioVersaDoc (for 60 sec), (D) Incubated with TMB substrate TMBM for 5 minutes and scanned, and (E) Rewetted for Chemiluminescence and imaged for 90 sec on the BioRad VersaDoc Imager,



Western Blot of Anti-Rabbit IgG (H&L) (GOAT) Antibody (Min X Bv, Ch, Gt, GP, Ham, Hs, Hu, Ms, Rt & Sh Serum Proteins) (p/n 611-101-122). Lane M: 3 µl Molecular Ladder. Lane 1: Rabbit IgG whole molecule (p/n 011-0102). Lane 2: Rabbit IgG F(ab) Fragment (p/n 011-0105). Lane 3: Rabbit IgG F(c) Fragment (p/n 010-0103). Lane 4: Rabbit IgM Whole Molecule (p/n 011-0107). Lane 5: Normal Rabbit Serum (p/n B309). All samples were reduced. Load: 50 ng per lane. Block: MB-070 for 30 min at RT. Primary Antibody: Anti-Rabbit IgG (H&L) (GOAT) Antibody (Min X Bv, Ch, Gt, GP, Ham, Hs, Hu, Ms, Rt & Sh Serum Proteins) (p/n 611-101-122) 1:1,000 for 60 min at RT. Secondary antibody: Anti-Goat IgG (DONKEY) Peroxidase Conjugated Antibody (p/n CUST10) 1:40,000 in MB-070 for 30 min at RT. Predicted/Obsevered Size: 25 and 50 kDa for Rabbit IgG and Serum, 25 kDa for F(c) and F(ab), 70 and 23 kDa for IgM. Rabbit F(c) migrates slightly higher.



HRP-conjugated Goat-Anti-Rabbit (p/n ASR3058) secondary antibody was used at 1:40,000 in MB-070 blocking buffer to detect a rabbit primary antibody by Western Blot. Anti p27 antibody (200-401-C30, 1:1000 RT 30 minutes) showed detection of 0.1 µg of recombinant p27 protein. Lane 1: Molecular weight markers. Lane 2: MBP-p27 fusion protein (arrow; expected MW: 73.3 kDa). Lane 3: MBP alone. Protein was run on a 4-20% gel, then transferred to 0.45 µm nitrocellulose and blocked with 1% BSA-TTBS (p/n MB-013, diluted to 1X) overnight at 4°C. Blot was imaged on the VersaDoc MP 4000 imaging system (Bio-Rad).