Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, AP

Product Details	
Size	1 mL
Species Reactivity	Rabbit
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	AP
Form	Lyophilized
Concentration	0.6 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	TBS, pH 8, with 15mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	4° C
RRID	AB_228336

Applications	Tested Dilution	Publications
Western Blot (WB)	1:5,000-1:50,000	-

Product Specific Information

Concentration may vary slightly from lot-to-lot, see lot-specific datasheet for exact concentration.

This antibody has been successfully used in Western blot and IP applications.

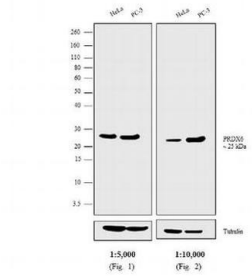
Antibody Specificity: This antibody reacts with the heavy chains of rabbit IgG and with the light chains common to most rabbit immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. The antibody has been tested by ELISA and/or solid-phase adsorbed to ensure minimal cross-reaction with human serum proteins. However, this antibody may cross-react with immunoglobulins from other species.

Restoration and Storage: Store product at 4°C until opened. Restore with 1.0 mL distilled water (0.6 mg/mL after restoration). Centrifuge product if it is not completely clear after standing for 1-2 hours at room temperature. To judge clarity, draw product into a pasteur pipette. Product may be stored for several weeks at 4°C as an undiluted liquid. After dilution, do not use for more than one day.

To extend the shelf-life of this product, add an equal volume of glycerol to make a final concentration of approximately 50% glycerol and store at -20°C.

Country of Origin: USA

Product Images For Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, AP



Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody (31342) in WB
Western blot analysis was performed on membrane enriched extracts (30 µg lysate) of HeLa (Lane 1) and PC-3 (Lane 2). The blots were probed with Anti-PRDX6 Recombinant Rabbit Monoclonal Antibody (Product # 702211, 2 µg/mL) and detected by chemiluminescence of alkaline phosphatase (AP) using Goat anti-Rabbit IgG (H+L) Cross Adsorbed Secondary Antibody, AP conjugate (Product # 31342) at dilutions 1:5,000 (Fig. 1) and 1:10,000 (Fig. 2). A 25 kDa band corresponding to PRDX6 was observed. Known quantity of protein samples were electrophoresed using Novex® NuPAGE®12 % Bis-Tris gel (Product # NP0342BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane with iBlot® 2 Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary and secondary antibody after blocking with 5 % skimmed milk. Chemiluminescent detection of alkaline phosphatase (AP) was performed using Novex® AP Chemiluminescent Substrate (CDP-Star®) (Product # WP20002) with Novex® AP Chemiluminescent Substrate Enhancer (Nitro Block II™) (Product # WP20003).

8 References

Light chain 2 is a Tctex-type related axonemal dynein light chain that regulates directional ciliary motility in Trypanosoma brucei. PLoS Pathog (2022)

Light chain 2 is a Tctex-type related axonemal dynein light chain that regulates directional ciliary motility in i>Trypanosoma brucei/i> bioRxiv (2021)

The epigenetic reader SntB regulates secondary metabolism, development and global histone modifications in Aspergillus flavus. Fungal Genet Biol (2018)

Engineering enhanced cellobiohydrolase activity. Nat Commun (2018)

RSAD2 and AIM2 Modulate Coxsackievirus A16 and Enterovirus A71 Replication in Neuronal Cells in Different Ways That May Be Associated with Their 5' Nontranslated Regions. J Virol (2018)