

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

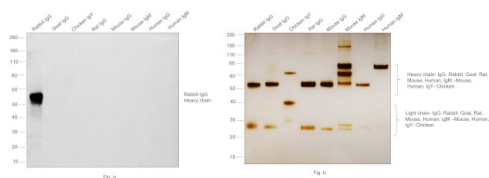
Product Details	
Size	1 mg
Species Reactivity	Rabbit
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	HRP
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	Lyophilized
Concentration	2.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 1% BSA
Contains	0.1% ProClin 150
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2534782

Applications	Tested Dilution	Publications
Western Blot (WB)	1:5,000-1:200,000	0 Publication
Immunohistochemistry (IHC)	1:500-1:20,000	-
ELISA (ELISA)	1:500-1:20,000	-
Miscellaneous PubMed (Misc)	-	0 Publication

Product Specific Information

Rehydrate with 1.1 mL of deionized water and let stand 30 minutes at room temperature to dissolve. (Product has been overfilled to ensure complete recovery.) Centrifuge to remove any particulates. Prepare fresh working dilution daily. Store lyophilized material at 2-8 °C. For long term storage after reconstitution, dilute with 50% glycerol and store at -20 °C as a liquid. Based on Immunoelectrophoresis, no reactivity is observed to: non-immunoglobulin rabbit serum proteins, serum proteins from bovine, goat, human, mouse, or rat, IgG from bovine, goat, human, mouse or rat.

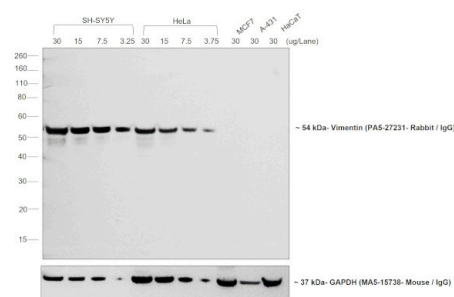
Product Images For Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, HRP



Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody (A16110)
Specificity of secondary antibody was demonstrated by specific detection of the target immunoglobulin. Antibody specificity was demonstrated by specific detection of Rabbit IgG. A band at ~55 kDa corresponding to Rabbit IgG heavy chain was observed in Rabbit IgG but not in other species using Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, HRP (Product # A16110) in Western Blot. {RE}

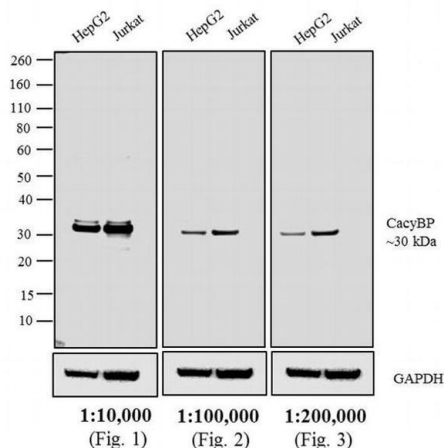
Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody (A16110) in WB

Chemiluminescent western blot was performed using Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, HRP (Product # A16110). Whole cell extracts of SH-SY5Y (Lane 1, 2, 3, 4), HeLa (Lane 5, 6, 7, 8), MCF7 (Lane 9), A-431 (Lane 10), and HaCaT (Lane 11) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were transferred onto nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with Vimentin Polyclonal Antibody (Product # PA5-27231). Secondary antibody (Product # A16110, 1:20,000) was used for detection of Vimentin by chemiluminescence with SuperSignal™ West Pico PLUS Chemiluminescent Substrate (Product # 34580) using the iBright™ FL1500 (Product # A44115). The Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, HRP (Product # A16110) specifically detects the Vimentin rabbit primary antibody.



Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody (A16110) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of Hep G2 (Lane 1) and Jurkat (Lane 2). The blots were probed with Anti-CacyBP Rabbit Polyclonal Antibody (Product # 720326, 1 µg/mL) and detected by chemiluminescence using Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, HRP (Product # A16110) at dilutions 1:10,000 (Fig. 1), 1:100,000 (Fig. 2) and 1:200,000 (Fig. 3). A 30 kDa band corresponding to CacyBP 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 was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).



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