

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

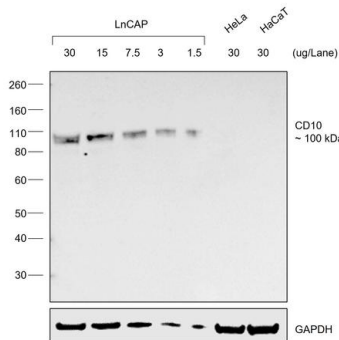
Product Details	
Size	3 mg
Species Reactivity	Goat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	HRP
Immunogen	Gamma Immunoglobulin
Form	Liquid
Concentration	1.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.4, with 4mg/mL BSA, 40% glycerol
Contains	0.19% Kathon™ CG
Storage conditions	4° C
RRID	AB_2533922

Applications	Tested Dilution	Publications
Western Blot (WB)	1:5000-1:10,000	0 Publication
Immunohistochemistry (IHC)	-	0 Publication
Immunocytochemistry (ICC/IF)	-	0 Publication
ELISA (ELISA)	1:2,000-1:4,000	0 Publication
Miscellaneous PubMed (Misc)	-	0 Publication

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

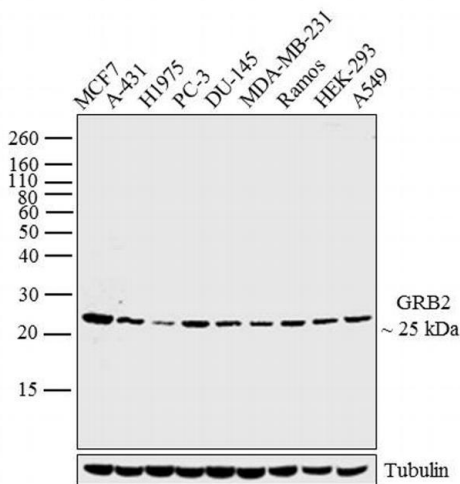
Goat IgG (H+L) Secondary Antibody (61-1620) in WB

Western blot was performed using Rabbit anti-Goat IgG (H+L) Secondary Antibody, HRP (Product # 61-1620). Whole cell extracts of LnCaP (Lane 1, 2, 3, 4, 5), HeLa (Lane 6) and HaCaT (Lane 7) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP03222BOX). Resolved proteins were transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with CD10 Polyclonal Antibody (Product # PA5-47075) and GAPDH Loading Control Monoclonal Antibody (GA1R) (Product # MA5-15738). Secondary antibodies (Product # 61-1620, 1:10,000) and (Product # A28177, 1:10,000) were used for detection of CD10 and GAPDH respectively. Chemiluminescent detection was performed using iBright™ FL1500 (Product # A44115).



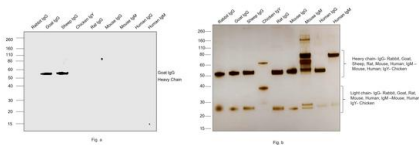
Goat IgG (H+L) Secondary Antibody (61-1620) in WB

Western blot analysis was performed on membrane enriched extracts (30 µg lysate) of MCF7 (Lane 1), A-431 (Lane 2), H1975 (Lane 3), PC-3 (Lane 4), DU-145 (Lane 5), MDA-MB-231 (Lane 6), Ramos (Lane 7), HEK-293 (Lane 8) and A549 (Lane 9). The blots were probed with Goat Anti-GRB2 Polyclonal Antibody (Product # PA1-9051, 0.5 µg/mL) and detected by chemiluminescence using Rabbit anti-Goat IgG (H+L) Secondary Antibody, HRP conjugate (Product # 61-1620, 0.3 µg/mL, 1:5000 dilution). A 25 kDa band corresponding to GRB2 was observed across the cell lines tested. 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 using iBlot® 2 Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary and secondary antibody following blocking with 5 % skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).



Goat IgG (H+L) Secondary Antibody (61-1620) in WB

Western blot was performed using Rabbit anti-Goat IgG (H+L) Secondary Antibody, HRP (Product # 61-1620) and ~55 kDa band corresponding to Goat IgG Heavy Chain was observed in Goat IgG but not in Rabbit IgG, Chicken IgY, Rat IgG, Mouse IgG, Mouse IgM, Human IgG and Human IgM. Purified protein (100 ng) of Rabbit IgG (Lane 1), Goat IgG (Lane 2), Sheep IgG (Lane 3), Chicken IgY (Lane 4), Rat IgG (Lane 5), Mouse IgG (Lane 6) Mouse IgM (Lane 7) Human IgG (Lane 8) and Human IgM (Lane 9) (Fig a) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP03222BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with Rabbit anti-Goat IgG (H+L) Secondary Antibody, HRP (Product # 61-1620, 1:5,000) and detected using the iBright™ FL1500 (Product # A44115). Silver staining was performed to establish equivalent loading of purified proteins using the Pierce™ Silver Stain Kit (Product # 24612) (Fig b). The antibody also shows cross reactivity with Sheep IgG.



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81 References

The V-ATPase complex component RNaseK is required for lysosomal hydrolase delivery and autophagosome degradation. *Nat Commun* (2024)

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Extracellular communication between brain cells through functional transfer of Cre mRNA mediated by extracellular vesicles. *Mol Ther* (2023)

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