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

Product Details	
Size	2 mL
Species Reactivity	Rabbit
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	HRP
Immunogen	Purified Rabbit IgG, whole molecule
Form	Liquid
Concentration	0.01 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with proprietary stabilizer
Contains	no preservative
Storage conditions	4° C
RRID	AB_1185567

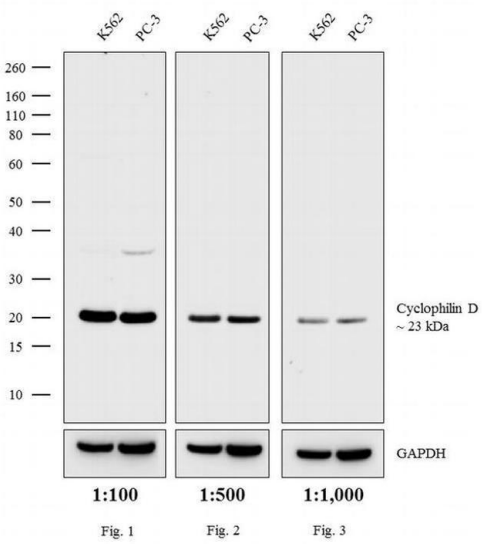
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:5,000	0 Publication
Immunohistochemistry (IHC)	1:6-1:60	0 Publication
ELISA (ELISA)	1:60-1:500	0 Publication
Miscellaneous PubMed (Misc)	-	0 Publication

Product Specific Information

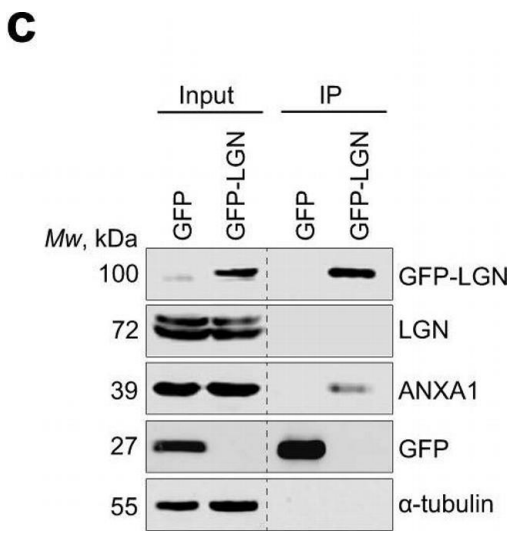
This antibody may cross-react with immunoglobulins from other species.

Working dilutions for Western blotting using SuperSignal West Substrates:
SuperSignal West Pico Substrate - 1:250-1:1250
SuperSignal West Dura Substrate - 1:600-1:3000
SuperSignal West Femto Substrate - 1:1250-1:6000
ECL Western Blotting Substrate - 1:20-1:125

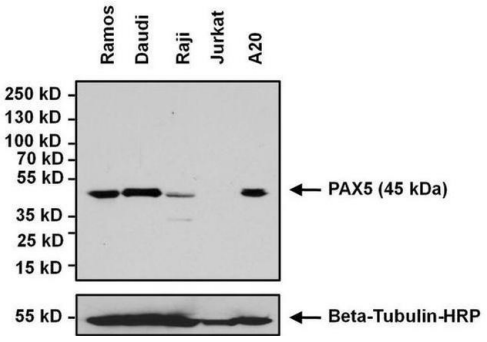
Product Images For Goat anti-Rabbit IgG (H+L) Secondary Antibody, HRP



Rabbit IgG (H+L) Secondary Antibody (32460) in WB
Western blot analysis was performed on membrane enriched extracts (30 µg lysate) of K562 (Lane 1) and PC-3 (Lane 2). The blots were probed with Anti-Cyclophilin B Rabbit Polyclonal Antibody (Product # TAB1002, 0.5 µg/mL) and detected using Goat anti-Rabbit IgG (H+L) Secondary Antibody, HRP (Product # 32460) at dilutions 1:500 (Fig. 1), 1:2,000 (Fig. 2) and 1:5,000 (Fig. 3). A 23 kDa band corresponding to Cyclophilin B was observed. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 10 % Bis-Tris gel (Product # NP0302BOX), 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).



Rabbit IgG (H+L) Secondary Antibody (32460) in WB
ANXA1 interacts with LGN at the cell cortex during mitosis.a Protein-protein interaction network of LGN (GPSM2, green) showing several interactors (grey) of known and unknown mitotic functions. The green line highlights a novel interaction between LGN and ANXA1, which is further validated in this study. b Gene Ontology analysis of the LGN network presenting terms from Biological process (top) and Reactome pathway analysis (bottom) significantly enriched. P-values were derived from the hypergeometric test (two-sided Fisher's Exact Test) with Bonferroni step-down correction from multiple tests. c ANXA1 and GFP-LGN co-immunoprecipitate from MCF-10A stably expressing GFP-LGN, arrested in metaphase. Lysates were subjected to affinity purification with GFP-Trap beads. The immunoprecipitates (IP) were analysed by western blotting (3 independent experiments). d LGN and ANXA1-mCherry co-immunoprecipitate from clonal MCF-10A cells stably expressing ANXA1-mCherry, arrested in metaphase. Lysates were subjected to affinity purification with RFP-Trap beads. The immunoprecipitates were analysed by western blotting (3 independent experiments). e Proximity ligation assay (PLA) performed using GFP and ANXA1 antibodies in GFP-LGN-expressing MCF-10A cells. Cells were counterstained with DAPI (DNA, magenta) (3 independent experiments). Yellow dotted lines indicate the cell contour. f Confocal images of representative MCF-10A cells stably … Image collected and cropped by CiteAb from the following publication (https://pubmed.ncbi.nlm.nih.gov/36631478), licensed under a CC BY license.



Rabbit IgG (H+L) Secondary Antibody (32460) in WB
Western blot analysis of PAX5 was performed by loading 75µg of whole cell lysates from PAX5-expressing B cell lymphoma-derived cell lines, negative control Jurkat cells, and 10 µL of PageRuler Plus Prestained Protein Ladder (Product # 26619) onto a 4-20% Tris-HCl polyacrylamide gel. Proteins were transferred to a PVDF membrane and blocked with 5% BSA/TBST for at least 1 hour. The membrane was probed with a PAX5 polyclonal antibody (Product # PA1-109) at a dilution of 1:1000 overnight at 4°C on a rocking platform, washed in TBS-0.1% Tween-20, and probed with a goat anti-rabbit HRP secondary antibody (Product # 32460) at a dilution of 1:500 (20 ng/mL) for one hour. Membranes were washed and chemiluminescent detection was performed using SuperSignal West Pico (Product # 34080, upper panel). To assay for protein loading (lower panel), the membrane was stripped with Restore PLUS Western Blot Stripping Buffer (Product # 46430), blocked with 5% BSA/TBST, and re-probed with an HRP-conjugated Beta Tubulin Loading Control Antibody (Product # MA5-16308-HRP) at a dilution of 1:1000 for 1 hour at room temperature. Chemiluminescent detection was performed using SuperSignal West Pico (Product # 34080).

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343 References

PCSK9 stimulates Syk, PKC, and NF-B, leading to atherosclerosis progression independently of LDL receptor. Nat Commun (2024)

Interplay between the plasma membrane and cell-cell adhesion maintains epithelial identity for correct polarised cell divisions. J Cell Sci (2024)

Association of genetic variation in COL11A1 with adolescent idiopathic scoliosis. Elife (2024)

Effect of -Estradiol on Adipogenesis in a 3T3-L1 Cell Model of Prelamin A Accumulation. Int J Mol Sci (2024)

Apoptosis-mediated ADAM10 activation removes a mucin barrier promoting T cell efferocytosis. Nat Commun (2024)

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