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
Form	Lyophilized
Concentration	0.8 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.6, with 15mg/mL BSA
Contains	no preservative
Storage conditions	4° C
RRID	AB_228333

Applications	Tested Dilution	Publications
Western Blot (WB)	1:10,000-1:200,000	0 Publication
Immunohistochemistry (IHC)	1:500-1:5,000	0 Publication
Immunocytochemistry (ICC/IF)	1:500-1:5,000	-
Immunoprecipitation (IP)	Assay-dependent	-
Miscellaneous PubMed (Misc)	-	0 Publication

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 ICC applications.

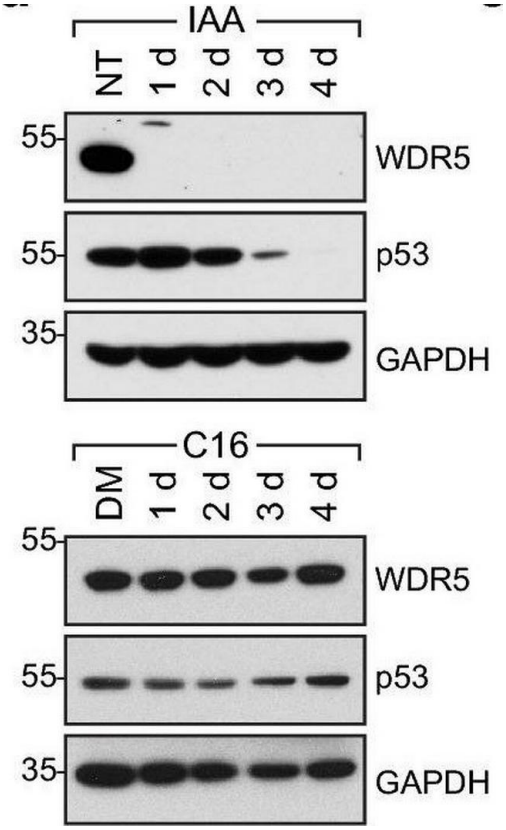
Antibody Specificity: This antibody reacts with the heavy chains on rabbit IgG but not with the light chains common to most rabbit immunoglobulins, based on immunoelectrophoresis. No antibody was detected against non-immunoglobulin serum proteins. However, this antibody may cross-react with immunoglobulins from other species.

Restoration and Storage: Store product at 2-8°C until opened. After opening, restore with 2 mL distilled water (0.8 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 -70°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.

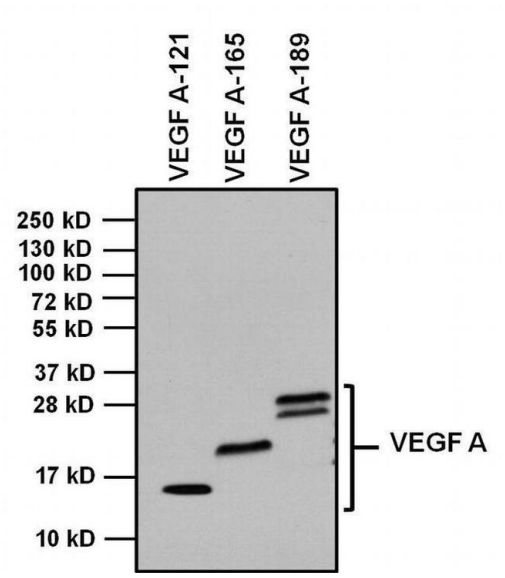
Country of Origin: USA

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



Rabbit IgG (H+L) Secondary Antibody (31463) in WB

A system to compare loss of WDR5 with WIN site inhibition. (a) Wild-type (WT) Ramos cells, or AIDW Ramos cells, were not treated (NT) or treated for the indicated times with 100 µM IAA. WDR5 and GAPDH levels were determined by Western blotting. N = 3. (b) AIDW cells were treated with DMSO or 500 nM C16 for 18 h, and ChIP performed with an -WDR5 antibody or IgG control. Co-precipitating DNAs corresponding to the indicated loci were detected by qPCR. RPTOR and RPL14 are not bound by WDR5. Error bars are standard error. N = 3. (c) AIDW cells were treated with 100 µM IAA or 500 nM C16 for the indicated times and H3K4me3, WDR5, and GAPDH levels determined by Western blotting. “NT”; not treated. “DM”; DMSO control. N = 3. (d) As in (c) but treatments were for four days, and blots probed for WDR5, p53, and GAPDH. N = 3. (e) AIDW were treated with 100 µM IAA (top) or 500 nM C16 (bottom) for 1 to 4 days, viable cell numbers determined, and expressed as a percentage of the not treated (NT) or DMSO-treated (DM) control cultures. Error bars are standard error. N = 3. For (a,c,d) unprocessed blots are presented in Supplementary Fig. S5. Image collected and cropped by CiteAb from the following publication (https://pubmed.ncbi.nlm.nih.gov/35115608), licensed under a CC BY license.



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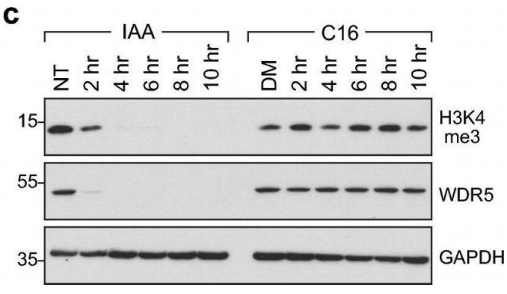
Western blot analysis of Vascular Endothelial Growth Factor (VEGF) was performed by loading 1 µg of indicated recombinant VEGF isoforms, and 10 µL of PageRuler PlusPrestained Protein Ladder (Product # 26619) per well onto a 4-20% Tris-Glycine polyacrylamide gel. Proteins were transferred to a PVDF membrane (Product # 88518) using the G2 Fast Blotter (Product # 62288) and blocked with 5% Milk/TBST for at least 1 hour at room temperature. VEGF was detected at 14 kD, 19 kDa and 22-30 kDa using a VEGF polyclonal antibody (Product # PA5-16754) at a dilution of 1:500 in blocking buffer overnight at 4° C on a rocking platform, followed by an HRP-conjugated goat anti-rabbit IgG (H+L) secondary antibody (Product # 31463) at a dilution of 1:20,000 for at least 1 hour. Chemiluminescent detection was performed using SuperSignal West Dura (Product # 34076).



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81 References

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