

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	Lyophilized
Concentration	0.8 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.6, with 15mg/mL BSA, 50mM sucrose
Contains	no preservative
Storage conditions	4° C
RRID	AB_228341

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

Product Specific Information

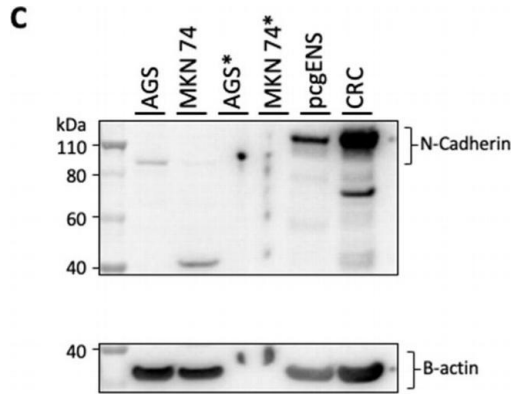
Product # 31460 has been successfully used in Western blot, IHC and IP applications.

Product # 31460 reacts with the heavy chains of rabbit IgG and with the light chains common to most rabbit immunoglobulins, but does not react against non-immunoglobulin serum proteins. However, this antibody may cross-react with immunoglobulins from other species and with SuperBlock® Blocking Buffers.

Store product at 4°C until opened. 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.

Reconstitute with 2.0 mL of distilled water (0.8 mg/mL after restoration).

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

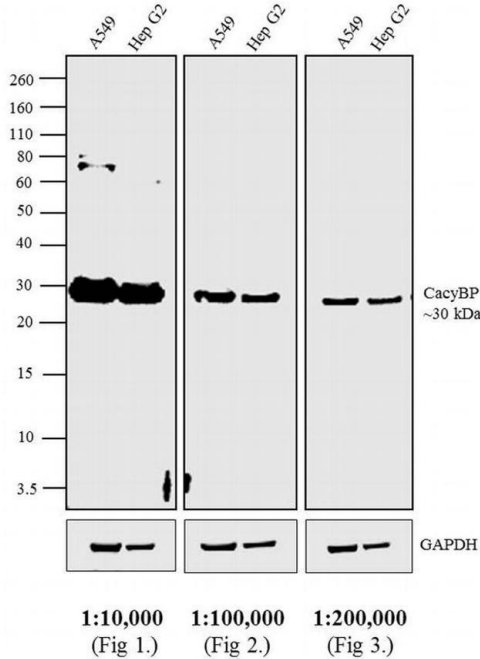


Rabbit IgG (H+L) Secondary Antibody (31460) in WB

Expression of N-Cadherin in the enteric neurons of the pcgENS and in gastric cancer cell lines. Immunostaining of N-Cadherin using anti-N-cadherin in the enteric neurons of pcgENS (A) and in different gastric cancer cell lines (B) (scale-bar = 50 μ m). Analysis by Western blot of N-Cadherin expression in gastric cancer and CRC cell lines (B-actin used as positive control) (C). pcgENS-primary culture of enteric nervous system; CRC-colorectal cancer (human); *-ultracentrifugation protocol. The uncropped Western blots have been shown in Figure S3. Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/35884357/>), licensed under a CC BY license.

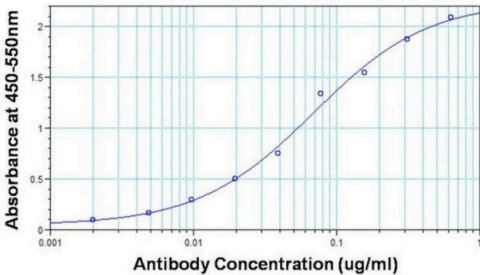
Rabbit IgG (H+L) Secondary Antibody (31460) in WB

Western blot analysis was performed on whole cell extracts (30 μ g lysate) of A549 (Lane 1) and Hep G2 (Lane 2). The blots were probed with Anti-CacyBP Rabbit Polyclonal Antibody (Product # 720326, 1 μ g/mL) and detected by chemiluminescence using Goat anti-Rabbit IgG (H+L) Secondary Antibody, HRP conjugate (Product # 31460) 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).



Rabbit IgG (H+L) Secondary Antibody (31460) in ELISA

Direct ELISA analysis of ovalbumin was performed by coating wells of a 96-well plate with 100 μ L per well of recombinant ovalbumin protein (Product # 77120) diluted to a concentration of 3 μ g/mL in carbonate/bicarbonate buffer (Product # 28382), overnight at 4C. Wells of the plate were washed, blocked with StartingBlock T20 (TBS) Blocking Buffer (Product # 37543), and incubated with 100 μ L per well of ovalbumin antibody (Product # PA1-196), starting at a concentration of 625 ng/mL and serially diluting 2-fold to a concentration of 2 ng/mL, for 1 hour at room temperature. The plate was washed, then incubated with 100 μ L per well of an HRP-conjugated goat anti-rabbit IgG secondary antibody (Product # 31460) at a dilution of 1:5000 for 1 hour at room temperature. Detection was performed using 1-Step Ultra TMB substrate (Product # 34028) for 5 minutes at room temperature. The reaction was stopped with TMB stop solution (Product # N600) and absorbances were read on a spectrophotometer at 450-550 nm.



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2616 References

Capsid protein mediated evasion of IRAK1-dependent signalling is essential to Sindbis virus neuroinvasion and virulence in mice. *Emerg Microbes Infect* (2024)

Genetic and pharmacological reduction of CDK14 mitigates synucleinopathy. *Cell Death Dis* (2024)

Hippocampal hyperphosphorylated tau-induced deficiency is rescued by L-type calcium channel blockade. *Brain Commun* (2024)

A partial agonist of PPAR prevents paclitaxel-induced peripheral neuropathy in mice, by inhibiting neuroinflammation. *Br J Pharmacol* (2024)

Yin Yang 1 facilitates the activation, inflammation, and extracellular matrix deposition of hepatic stellate cells in hepatic fibrosis. *Pathol Int* (2024)

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