

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

Product Details

Size	1 mL
Species Reactivity	Rabbit
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	AP
Immunogen	Purified Rabbit IgG, whole molecule
Form	Lyophilized
Concentration	0.6 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	TBS, pH 8, with 15mg/mL BSA
Contains	no preservative
Storage conditions	4° C
RRID	AB_228339

Applications	Tested Dilution	Publications
Western Blot (WB)	1:5,000-1:50,000	0 Publication
Immunohistochemistry (IHC)	1:5,000-1:50,000	-
ELISA (ELISA)	1:5,000-1:50,000	-
Immunoprecipitation (IP)	1:500-1:5,000	-
Miscellaneous PubMed (Misc)	-	0 Publication

Product Specific Information

This antibody has been successfully used in Western blot, IHC and IP applications.

Antibody Specificity: Based on immunoelectrophoresis, this antibody reacts with the heavy chains of rabbit IgG and with the light chains common to most rabbit immunoglobulins. 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 4°C until opened. Restore with 1.0 mL distilled water (0.6 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 4°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, AP

Rabbit IgG (H+L) Secondary Antibody (31340) in WB

Western blot analysis of Heat Shock Protein 86 (Hsp86) was performed by loading 2-fold serial dilutions of HeLa cell lysate, starting at 10 ug, per well onto a 4-20% Tris-HCl polyacrylamide gel. Proteins were transferred to a nitrocellulose membrane and blocked with 5% BSA/TBST for at least 1 hour. The membrane was probed with an Hsp86 polyclonal antibody (Product # PA3-013) at a dilution of 1:1000 for 1 hour at room temperature on a rocking platform, washed in TBS-0.1%Tween-20, and probed with an AP-conjugated goat anti-rabbit IgG secondary antibody (Product # 31340) at a dilution of 1:10,000 for at least 1 hour. Chemiluminescent detection was performed using Lumi-Phos Substrate (Product # 34150).

HeLa Lysate (µg): 10 5 2.5 1.3 0.6



47 References

A long-acting prolactin to combat lactation insufficiency bioRxiv (2023)

Inhibition of ALA dehydratase activity in heme biosynthesis reduces cytoglobin expression which is related to the proliferation and viability of keloid fibroblasts. J Clin Biochem Nutr (2023)

Phosphatidate phosphatase Pah1 contains a novel RP domain that regulates its phosphorylation and function in yeast lipid synthesis. J Biol Chem (2023)

Reduction of class I histone deacetylases ameliorates ER-mitochondria cross-talk in Alzheimer's disease. Aging Cell (2023)

GSDMD in peripheral myeloid cells regulates microglial immune training and neuroinflammation in Parkinson's disease. Acta Pharm Sin B (2023)

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