

HRP Conjugated Goat anti-Rabbit IgG UltraPolymer Antibody HA1119



Product Type:	Goat polyclonal IgG, secondary antibodies
Species reactivity:	Rabbit
Applications:	IHC-P

Description: Whole IgG antibodies are isolated as intact molecules from antisera by immunoaffinity chromatography. They have an Fc portion and two antigen binding Fab portions joined together by disulfide bonds and therefore they are divalent. The average molecular weight is reported to be about 160 kDa. The whole IgG form of antibodies is suitable for the majority of immunodetection procedures and is the most cost effective. Horseradish peroxidase (HRP) conjugates are prepared by a modified Nakane and Kawaoi procedure (J. Histochem. Cytochem. 1974. 22, 1084). Peroxidase conjugates are commonly used for immunohistochemistry, Western blotting, and ELISA. Affinity-purified anti-horseradish peroxidase and conjugates are available for detection of horseradish peroxidase antigen or for signal amplification of HRP-containing reagents. For immunostaining of mammalian cells, an advantage of using anti-horseradish peroxidase is reduced background, since the antibody does not recognize the endogenous peroxidase-like enzymes found in those cells. UltraPolymer Goat anti-Rabbit IgG (H&L) conjugated to HRP, affinity purified, min x w/ human, mouse or rat serum.

Conjugate: HRP-conjugated

Immunogen: Purified Rabbit IgG, whole molecule.

Recommended Dilutions:

IHC-P Ready to Use

Storage Buffer: TBS, 1% (w/v) BSA, 0.1% Proclin 150, 10% heat-inactivated animal serum.

Storage Instruction: Store at 2-8 °C.

Purity: Affinity purified using solid phase Rabbit IgG.

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Images

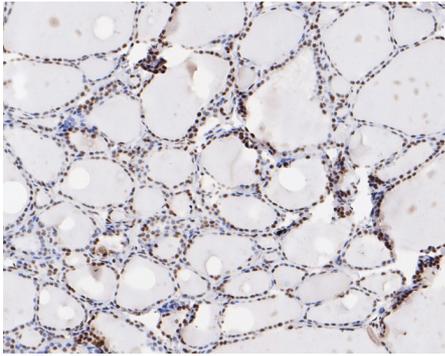


Fig1: Immunohistochemical analysis of paraffin-embedded Human thyroid tissue using anti-NRF1 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 mins. The detection was performed using an Goat anti-Rabbit IgG (H&L) - HRP (HA1119). Counter stained with hematoxylin.

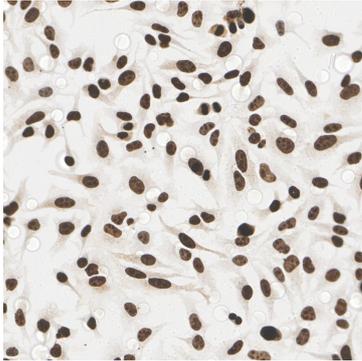


Fig2: Analysis of HeLa cells labeling Ki67 with Rabbit anti-Ki67 antibody (HA721115) at 1/250 dilution.

Cells were fixed in 4% paraformaldehyde for 15 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 15 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-Ki67 antibody (HA721115) at 1/250 dilution in 1% BSA in PBST overnight at 4 °C. The detection was performed using an Goat anti-Rabbit IgG (H&L) - HRP (HA1119).

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

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