HRP Conjugated Rabbit anti-Goat IgG polyclonal Antibody

HA1005

Product Type: Rabbit polyclonal IgG, secondary antibodies

Species reactivity: Goat

Applications: WB, ELISA

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.

Conjugate: HRP-conjugated

Immunogen: Recombinant protein.

Recommended Dilutions:

WB	1:5,000
ELISA	1:10,000

Storage Buffer: 1*TBS (pH7.4), 0.5%BSA, 40% Glycerol.

Storage Instruction: Store at +4℃ after thawing. Aliquot store at -20℃. Avoid repeated freeze / thaw cycles.

Purity: Immunogen affinity purified.

Images

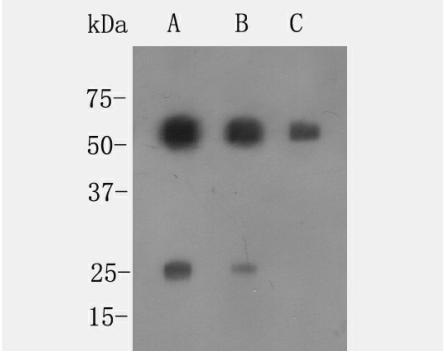

Fig1: Western blot analysis of Rabbit anti-Goat IgG on Got IgG lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. Rabbit anti Goat IgG-HRP Secondary Antibody (HA1005) at 1:5,000 (Lane A),1:10,000 (Lane B),1:20,000 (Lane C)dilution was used for 2 hour at room temperature.

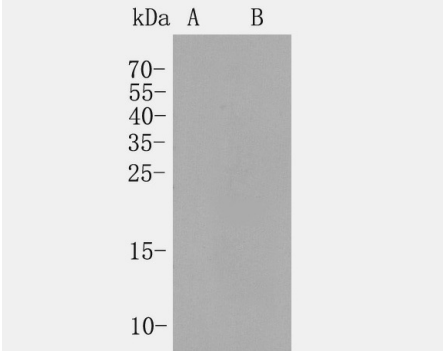

Fig2: The Cross-reactions of the secondary antibody (HA1005) with Mouse IgG and Rabbit IgG.
Western blot analysis of Rabbit anti-Goat IgG on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. Rabbit anti Goat IgG-HRP Secondary Antibody (HA1005) at 1:5,000 dilution was used for 2 hour at room temperature.
Positive control:
Lane A: Mouse IgG
Lane B: Rabbit IgG

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