

HRP Conjugated Goat anti-Rat IgG(H+L) polyclonal Antibody

HA1023



Product Type:	Goat polyclonal IgG, secondary antibodies
Species reactivity:	Rat
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: Rat IgG(H+L).

Recommended Dilutions:

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

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

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

Purity: Immunogen affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

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Images

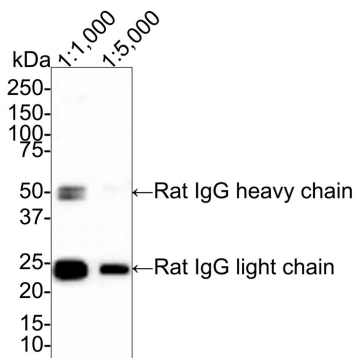


Fig1: Western blot analysis of Goat anti-Rat IgG(H+L) on rat IgG with Goat anti-Rat IgG(H+L) antibody (HA1023) at different dilutions.

Lane 1: Rat IgG at 1:1,000 dilution

Lane 2: Rat IgG at 1:5,000 dilution

Lysates/proteins at 50 ng/Lane.

Exposure time: 1 minute;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (HA1023) at different dilutions were used in 5% NFDM/TBST at room temperature for 2 hours.

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

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