

HRP Conjugated Rabbit anti-Guinea pig IgG polyclonal Antibody

HA1021



Product Type:	Rabbit polyclonal IgG, secondary antibodies
Species reactivity:	Guinea pig
Applications:	WB, ELISA
Molecular Wt:	55/25 kDa

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: Purified native Guinea Pig IgG.

Positive control: Guinea pig IgG.

Recommended Dilutions:

WB	1:5,000-1:40,000
ELISA	1:5,000-1:20,000

Storage Buffer: 1*TBS (pH7.4), 0.2% BSA, 50% Glycerol.

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

Purity: Immunogen affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

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Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

Images

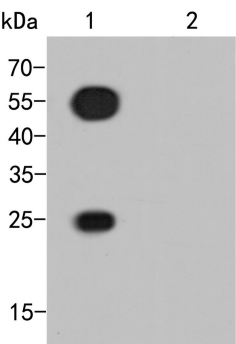


Fig1: Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. Rabbit anti-Guinea pig IgG-HRP (HA1021) was used for 1 hour at room temperature at 1:10,000 (Lane 1) and 1:5,000 (Lane 2).
Lane 1: Guinea pig (30 ng per lane).
Lane 2: Mouse IgG (30 ng per lane).
Exposure time: 1 minutes

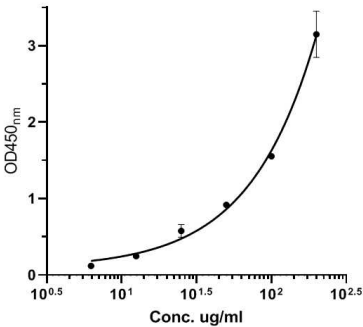


Fig2: Immobilized guinea pig IgG protein at 1 µg/ml overnight at 4℃. Then blocked with 1% BSA for 1 hour at 37℃, and incubated with the primary antibody (HA1021) for 1 hour at 25℃.

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

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