

# HRP Conjugated Rabbit anti-Human IgG polyclonal Antibody

## HA1024



<b>Product Type:</b>	Rabbit polyclonal IgG, secondary antibodies
<b>Species reactivity:</b>	Human
<b>Applications:</b>	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:** Native protein.

**Positive control:** Human IgG.

**Database links:** SwissProt: P01857 Human | P01859 Human | P01860 Human | P01861 Human

**Recommended Dilutions:**

**WB** 1:5000-1:20000  
**ELISA** Use at an assay dependent concentration.

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

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

**Purity:** Immunogen affinity purified.

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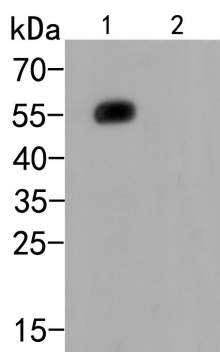
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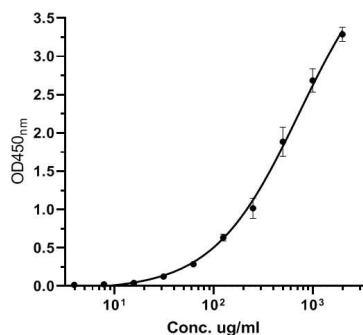
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## Images



**Fig1:** Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. Rabbit anti-Human IgG-HRP (HA1024) was used for 1 hour at room temperature at 1:10,000 (Lane 1) and 1:5,000 (Lane 2).  
Lane 1: Human IgG (30 ng per lane).  
Lane 2: Mouse IgG (30 ng per lane).  
Exposure time: 1 minutes



**Fig2:** Immobilized human IgG protein at 1  $\mu$ g/ml overnight at 4 $^{\circ}$ C. Then blocked with 1% BSA for 1 hour at 37 $^{\circ}$ C, and incubated with the primary antibody (HA1024) for 1 hour at 25 $^{\circ}$ C.

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

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