

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

## HA1023



<b>Product Type:</b>	Goat polyclonal IgG, secondary antibodies
<b>Species reactivity:</b>	Rat
<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:** Rat IgG(H+L).

**Recommended Dilutions:**

<b>WB</b>	1:50,000-1:200,000
<b>ELISA</b>	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.

Orders:0086-571-88062880

Technical:0086-571-89986345

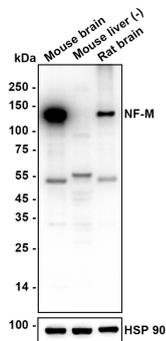
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## Images

**Fig1:** Western blot analysis of NF-M on different lysates with Rat anti-NF-M antibody (HA601408) at 1/5,000 dilution.

Lane 1: Mouse brain tissue lysate  
Lane 2: Mouse liver tissue lysate (negative)  
Lane 3: Rat brain tissue lysate



Lysates/proteins at 20 µg/Lane.

Predicted band size: 102 kDa  
Observed band size: 140 kDa

Exposure time: 23 seconds; ECL: K1801;  
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDN/TBST for 1 hour at room temperature. The primary antibody (HA601408) at 1/50,000 dilution was used in K1803 at 4°C overnight. Goat Anti-Rat IgG - HRP Secondary Antibody (HA1023) at 1/50,000 dilution was used for 1 hour at room temperature.

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

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