



Anti-HA tag, Rabbit Polyclonal Antibody

Catalog No.: PG-10010 **Quantity:** 100 μ g **Applications tested:** ELISA, Western blot, IP

Host Species: Human **Reactivity:** Human

Host Species: Rabbit **Form:** Antigen affinity purified antibody

Target description

Human influenza hemagglutinin (HA) is a surface glycoprotein required for the infectivity of the human virus. The HA tag is derived from the HA molecule corresponding to amino acids 98-106 has been extensively used as a general epitope tag in expression vectors. Many recombinant proteins have been engineered to express the HA tag, which does not appear to interfere with the bioactivity or the biodistribution of the recombinant protein. This tag facilitates the detection, isolation, and purification of the proteins.

Antigen

This polyclonal antibody was raised by immunizing rabbit with the peptide of epitope "YPYDVPDYAC" conjugated to carrier protein.

Applications

Western Blot analysis (WB): 1,000 ~ 3,000 dilution

ELISA: 2,000 ~ 20,000 dilution

IP: 500 ~ 1,000 dilution

Related Products

1. Anti-His-tag and Xpress-tag, Chicken pAb (PY-10265)
2. Anti-6X His tag, Mouse mAb (PG-20010).
3. Anti-6X His tag, Rabbit pAb (PG-10008).
4. Anti-Myc tag, Mouse mAb (PG-20011).

Western blot Protocol

1. Protein sample run SDS-PAGE.
2. Blotting with semi-dry electrophoretic transfer system.
3. After transferring, rinse the transfer membrane with ddWater and let it dry.
4. Blocking transfer membrane with 5% skim milk, 0.2% sodium azide in TBS, incubate at 37°C for at least 2 hrs or 4°C O/N.
5. Wash the membrane with 0.05% Tween 20 in TBS (TBST).
6. Add primary Ab sol. and incubate at 37°C for 1 hr. (Ab is diluted in 5% Goat serum/TBS)
7. Wash the membrane 3 times with TBST.
8. Add secondary Ab (Goat anti-rabbit IgG 1000X diluted in 5% Goat serum/TBS) and incubate at 37°C for 1 hr.
9. Wash the membrane 3 times with TBST.
10. Wash the membrane with ddW.
11. Soak the membrane in BCIP/NE substrate solution, after the color developed, wash with ddWater and let dry.

Storage

It is supplied as antigen affinity purified antibody in lyophilized powder. Redissolve the powder with 100 microliter sterile water will restore to the original concentration 1 mg/ml (1xPBS). Store at 4°C for short-term application. For long-term storage, aliquot and store at -20°C.