

Anti-HA Tag Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
E022180-01	100µl
E022180-02	500µl
E022180-03	50µl

Specificity	HA epitope (YPYDVPDYA)
Source	Rabbit Polyclonal
Application	WB IF IP
Form	Liquid, 1 mg/ml

Background Information

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 be fused to HA tag, which does not appear to interfere with the bioactivity and the biodistribution of the recombinant protein. This tag facilitates the detection, isolation, and purification of the proteins.

Source and Purification

This polyclonal antibody is produced by immunizing rabbits with a influenza hemagglutinin epitope (YPYDVPDYA) coupled to KLH. Antibodies are purified by protein A affinity chromatography.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: Western blot (1:1000-1:5000), Immunofluorescence (1:200-1:800). Immunoprecipitation (1:200).

Storage Buffer

PBS, pH 7.4 with 0.05% sodium azide, 50% Glycerol.

Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Western blot of recombinant protein with HA-tag at 1:5000