

AP08109PU-S**Polyclonal Antibody to HA Epitope Tag (YPYDVPDYA) - Aff - Purified****Alternate names:** Hemagglutinine Tag**Quantity:** 50 µg**Concentration:** 1.0 mg/ml**Background:** 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.**Host:** Rabbit**Immunogen:** The antiserum was produced by immunizing rabbit with synthesized peptide containing the Influenza hemagglutinin epitope (Y-P-Y-D-V-P-D-Y-A).**Format:** **State:** Liquid purified Ig fraction.
Purification: Immunoaffinity Chromatography using epitope-specific peptide.
Buffer System: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl and 50% Glycerol
Preservatives: 0.02% Sodium Azide**Applications:** **Western Blot** (1/500-1/1000).
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.**Specificity:** This polyclonal antibody detects HA-tagged proteins overexpressed in cells. It recognizes the HA-tag fused to either the amino- or carboxy-terminus of targeted proteins in transfected cells.**Storage:** Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.**Product Citations:** **Originator or purchased from resellers:**
1. Giridharan SS, Cai B, Vitale N, Naslavsky N, Caplan S. Cooperation of MICAL-L1, syndapin2, and phosphatidic acid in tubular recycling endosome biogenesis. *Mol Biol Cell.* 2013 Jun;24(11):1776-90, S1-15. doi: 10.1091/mbc.E13-01-0026. Epub 2013 Apr 17. PubMed PMID: 23596323.
2. Qiu Y, Ding Y, Zou L, Tan Z, Liu T, Fu X, et al. Divergent roles of amino acid residues inside and outside the BB loop affect human Toll-like receptor (TLR)2/2, TLR2/1 and TLR2/6 responsiveness. *PLoS One.* 2013 Apr 23;8(4):e61508. doi: 10.1371/journal.pone.0061508. Print 2013. PubMed PMID: 23626692.**General Readings:** 1. Field, J. et al. (1988) *Mol. Cell. Biol.* 8, 2159-2165.

Pictures:

Figure 1. Western blot analysis of extracts from 293 cells transfected with HA-tagged Akt using HA-Tag Polyclonal Antibody AP08109PU.

