

**AP11018PU-N****Polyclonal Antibody to HA Epitope Tag (YPYDVPDYA) - Purified**

<b>Quantity:</b>	0.4 ml
<b>Concentration:</b>	lot specific
<b>Background:</b>	Epitope tags consisting of short sequences recognized by well-characterized antibodies have been widely used in the study of protein expression in various systems. The HA tag (YPYDVPDYAYPYDVPDYA) is an established example. This polyclonal antibody provides a simple solution to detect the expression of an HA-tagged protein in cells.
<b>Host / Isotype:</b>	Rabbit / Ig
<b>Immunogen:</b>	KLH conjugated synthetic peptide encoding HA tag (CYPYDVPDYAYPYDVPDYA) was used as antigen.
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction. <b>Purification:</b> Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS. <b>Buffer System:</b> PBS containing 0.09% (W/V) Sodium Azide as preservative.
<b>Applications:</b>	ELISA: 1/5,000. Western Blot. Immunofluorescence. (See Ref. 1, 4.) ChIP. (See Ref. 3) Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody is specific to HA Tag.
<b>Storage:</b>	Store the antibody 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.
<b>Caution:</b>	This product is for research use only. Not for use in diagnostic or therapeutic procedures.
<b>General Readings:</b>	1. Marco Scarselli, et al. J. Biol. Chem., Feb 2009; 284: 3577-3585. (Applications: IF) 2. Yidan Lin, et al. Mol. Cancer Ther., Nov 2008; 7: 3556 - 3565. (Applications: WB) 3. Wang, Shucai, et al. Development 2007 Nov 01;134(21):3873-3882. (Applications: ChIP) 4. Zemskov, Evgeny A., et al. J. Cell Sci. 2007 Sep 15;120(18):3188-3199. (Applications: IF, WB) 5. Liu, Xiangguo, et al. Cancer Res. 2006 Dec 01;66(23):11115-11119. (Applications: WB). 6. Kolodziej, PA and Young RA. (1991) Methods Enzymol., 194:508-19. 7. Sells MA and Chernoff J. (1995) Gene, 152:187-9.

## Pictures:

**figure 1.** Western blot analysis of anti-HA tag Pab (Cat. #AP11018PU-N) in HA-tagged recombinant protein bacterial lysate.

