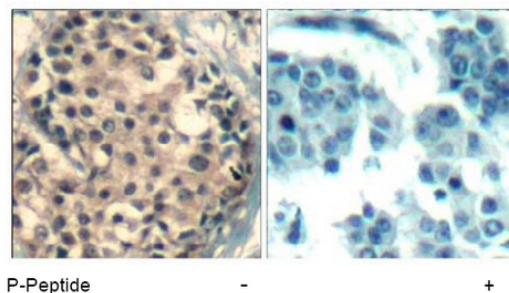


## AP08035PU-S

## Polyclonal Antibody to HDAC4/HDAC5/HDAC9 pSer246/259/220 - Aff - Purified

<b>Alternate names:</b>	HDAC-4, HDAC-5, HDAC-9, Histone Deacetylase
<b>Quantity:</b>	50 µg
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	The antiserum was produced against synthesized phosphopeptide derived from human HDAC4/HDAC5/HDAC9 around the phosphorylation site of Serine 246/259/220 (T-A-SP-EP).
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction. <b>Purification:</b> Immunoaffinity Chromatography: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. <b>Buffer System:</b> PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02% Sodium Azide and 50% Glycerol.
<b>Applications:</b>	Western Blot (1/500-1/1000). Immunohistochemistry (1/50-1/100). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	HDAC4/HDAC5/HDAC9 (Phospho-Ser246/259/220) Antibody detects endogenous levels of HDAC4/HDAC5/HDAC9 only when phosphorylated at Serine 246/259/220. <b>Species:</b> Human and Mouse. Other species not tested.
<b>Storage:</b>	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.
<b>General Readings:</b>	1. Cress, W.D. and Seto, E. (2000) J Cell Physiol 184, 1-16. 2. Vigushin, D.M. and Coombes, R.C. (2004) Curr. Cancer Drug Targets 4, 205-218. 3. Marmorstein, R. (2001) Cell Mol Life Sci 58, 693-703. 4. Thiagalingam, S. et al. (2003) Ann. N.Y. Acad. Sci. 983, 84-100.
<b>Pictures:</b>	<b>Figure 1.</b> Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HDAC4/HDAC5/HDAC9 (phospho-Ser246/259/220) Antibody AP08035PU.



**Figure 2.** Western blot analysis of extracts from 3T3 cell using HDAC4/HDAC5/HDAC9 Antibody AP08090PU (Lane 1 and 2) and HDAC4/HDAC5/HDAC9 (phospho-Ser246/259/220) Antibody AP08035PU (Lane 3 and 4).

