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AP08035PU-N

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

Alternate names:	HDAC-4, HDAC-5, HDAC-9, Histone Deacetylase
Quantity:	0.1 mg
Host:	Rabbit
Immunogen:	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).
Format:	State: Liquid purified Ig fraction. Purification: 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. Buffer System: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02% Sodium Azide and 50% Glycerol.
Applications:	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.
Specificity:	HDAC4/HDAC5/HDAC9 (Phospho-Ser246/259/220) Antibody detects endogenous levels of HDAC4/HDAC5/HDAC9 only when phosphorylated at Serine 246/259/220. Species: Human and Mouse. Other species not tested.
Storage:	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.
General Readings:	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.
Pictures:	Figure 1. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HDAC4/HDAC5/HDAC9 (phospho- Ser246/259/220) Antibody AP08035PU.

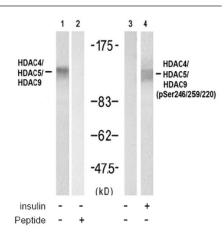
P-Peptide

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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).



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