

## Goat anti-HDAC6 Antibody

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| <b>Item Number</b>     | dAP-3007   |
| <b>Target Molecule</b> | Principle Name: HDAC6; Official Symbol: HDAC6; All Names and Symbols: HDAC6; histone deacetylase 6; HD6; JM21; KIAA0901; Accession Number (s): NP_006035.2; Human Gene ID(s): 10013; Non-Human GenelD(s):  |
| <b>Immunogen</b>       | AHQNKFGEDMPHPH, is from C Terminus   |
| <b>Applications</b>    | Pep ELISA, WB<br>Species Tested: Human, Mouse  |
| <b>Purification</b>    | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.  |
| <b>Supplied As</b>     | Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.<br>Aliquot and store at -20°C. Minimize freezing and thawing. |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 32000.   |
| <b>Western Blot</b>    | Western Blot: Approx 150kDa band observed in nuclear lysates of cell lines NIH3T3, and HeLa (calculated MW of 131kDa according to NP_006035.2). Recommended concentration: 1-3µg/ml.   |
| <b>IHC</b>             |  |
| <b>Reference</b>       | Reference(s): Zhang X, Yuan Z, Zhang Y, Yong S, Salas-Burgos A, Koomen J, Olashaw N, Parsons JT, Yang XJ, Dent SR, Yao TP, Lane WS, Seto E. HDAC6 modulates cell motility by altering the acetylation level of cortactin. Mol Cell. 2007 Jul 20;27(2):197-213. PMID: 17643370->          |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**