

## Goat anti-HIC1 (aa193-204) Antibody

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| <b>Item Number</b>     | dAP-2918  |
| <b>Target Molecule</b> | Principle Name: HIC1 (aa193-204); Official Symbol: HIC1; All Names and Symbols: HIC1; hypermethylated in cancer 1; ZBTB29; ZNF901; hic-1; hypermethylated in cancer 1 protein; zinc finger and BTB domain-containing protein 29; Accession Number (s): NP_006488.2; NP_001091672.1; Human Gene ID(s): 3090; Non-Human GeneID(s): 15248 (mouse) 303310 (rat) |
| <b>Immunogen</b>       | NTHCAELYASGP, is from internal region<br>This antibody is expected to recognize both reported isoforms (NP_006488.2; NP_001091672.1).   |
| <b>Applications</b>    | Pep ELISA, WB Trf<br><br>Species Tested: Human  |
| <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 128000.   |
| <b>Western Blot</b>    | Western Blot: In transfected HEK293 transiently expressing Human HIC1 a band of approx. 100kDa is observed. This band is not observed in the mock-transfected HEK293. The same band is observed endogenously in the cell lines A549 and Jurkat. The calculated  |
| <b>IHC</b>             |   |
| <b>Reference</b>       | Reference(s): Yu J, Liu P, Cui X, Sui Y, Ji G, Guan R, Sun D, Ji W, Liu F, Liu A, Zhao Y, Yu Y, Jin Y, Bai J, Geng J, Xue Y, Qi J, Lee KY, Fu S. Identification of novel subregions of LOH in gastric cancer and analysis of the HIC1 and TOB1 tumor suppressor genes in these subregions. Mol Cells. 2011 Jul;32(1):47-                                    |

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 ender users! This product is sold for **Research Use Only**