



## Goat anti-MK5 / MAPKAPK5 Antibody

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| <b>Item Number</b>     | dAP-2858  |
| <b>Target Molecule</b> | Principle Name: MK5 / MAPKAPK5; Official Symbol: Mapkapk5; All Names and Symbols: MAPKAPK5; mitogen-activated protein kinase-activated protein kinase 5; MAPKAP-K5; MK-5; MK5; PRAK; MAP kinase-activated protein kinase 5; MAPK-activated protein kinase 5; MAPKAP kinase 5; MAPKAPK-5; p38-regulated/activated protein kinase; Accession Number (s): NP_003659.2; NP_620777.1; Human Gene ID (s): 8550; Non-Human GeneID(s): 17165 (mouse) 498183 (rat) |
| <b>Immunogen</b>       | STEALDNLPSAQ, is from internal region   |
| <b>Applications</b>    | Pep ELISA, WB Trf, IP, IHC<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: In transfected HEK293 transiently expressing either Mouse MK5 fused to GFP or the similar Mouse MK2 fused to GFP; only the expected band was observed in the MK5 lane after EB11927 labeling. Data obtained from Dr. M. B. Menon, Inst. Biochemi  |
| <b>IHC</b>             | Immunohistochemistry: In paraffin embedded Human Kidney shows brushborder staining in the PCT. Recommended concentration, 4-8µg/ml.   |
| <b>Reference</b>       | Reference(s): Yoshizuka N, Chen RM, Xu Z, Liao R, Hong L, Hu WY, Yu G, Han J, Chen L, Sun P. A novel function of p38-regulated/activated kinase in endothelial cell migration and tumor angiogenesis. Mol Cell Biol. 2012 Feb;32(3):606-18..PMID: 22124154->  |

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**