

Goat anti-MEST Antibody

| | |
|------------------------|---|
| Item Number | dAP-1824 |
| Target Molecule | Principle Name: MEST; Official Symbol: MEST; All Names and Symbols: MEST; mesoderm specific transcript homolog (mouse); DKFZp686L18234; MGC111102; MGC8703; PEG1; mesoderm specific transcript; paternally expressed gene 1; Accession Number (s): NP_002393.2; NP_803490.1; Human Gene ID(s): 4232; Non-Human GeneID(s): 17294 (mouse) 58827 (rat) |
| Immunogen | QELLYRYKQNRSGR, is from internal region This antibody is expected to recognize both reported isoforms (NP_002393.2; NP_803490.1). Reported variants NP_803490.1 and NP_803491.1 represent identical protein. |
| Applications | Pep ELISA, WB Species Tested: Mouse, Rat |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Supplied As | 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. Aliquot and store at -20°C. Minimize freezing and thawing. |
| Peptide ELISA | Peptide ELISA: antibody detection limit dilution 1 to 8000. |
| Western Blot | Western Blot: Approx 37kDa band observed in Mouse and Rat Testis lysates (calculated MW of 37.6kDa according to Human NP_803490.1 and 38.8kDa according to Rat NP_001009617.1). Recommended concentration: 0.2-0.5µg/ml. |
| IHC | |
| Reference | Reference(s): Li T, Vu TH, Lee KO, Yang Y, Nguyen CV, Bui HQ, Zeng ZL, Nguyen BT, Hu JF, Murphy SK, Jirtle RL, Hoffman AR, An imprinted PEG1/MEST antisense expressed predominantly in human testis and in mature spermatozoa. J. Biol. Chem. 2002 Apr 27 277 (16): 13518-27..PMID: 11821432-> |

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**