

## Goat anti-MID2 / TRIM1 Antibody

Item Number	dAP-0390
Target Molecule	Principle Name: MID2 / TRIM1; Official Symbol: MID2; All Names and Symbols: MID2; TRIM1; midline 2; FXY2; midin 2; tripartite motif protein 1; RP6-191P20.2; FLJ37715; FLJ41813; FXY2; RNF60;; Accession Number (s): NP_036348.2; NP_438112.2; Human Gene ID(s): 11043; Non-Human GenelD(s): 23947 (mouse)
Immunogen	QESPYVSGMKTCH, is from C Terminus This antibody is expected to recognise both human isoforms of this protein.
Applications	Pep ELISA, WB, IHC  Species Tested: Human, 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 32000.
Western Blot	Western Blot: Approx 80-85kDa band observed in Mouse and Rat Heart, and Rat Kidney lysates (calculated MW of 77.8kDa according to Mouse NP_035975.1 and 83.1kDa according to Rat NP_001178818.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows strong staining in cytoplasm and brush border of some epithelial cells of proximal convoluted tubules. Recommended concentration, 5-10µg/ml.
Reference	Reference(s): Buchner G, Montini E, Andolfi G, Quaderi N, Cainarca S, Messali S, Bassi MT, Ballabio A, Meroni G, Franco B. MID2, a homologue of the Opitz syndrome gene MID1: similarities in subcellular localization and differences in expression during development. <i>Hum Mol Genet</i> . 1999 Aug;8(8):1397-407.. PMID: 10458212

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**