

Goat anti-MOBL3 (aa137-151) Antibody

Item Number dAP-2317

Target Molecule Principle Name: MOBL3 (aa137-151); Official Symbol: MOBL3; All Names and Symbols: MOBL3; MOB1; Mps One Binder kinase activator-like 3 (yeast); 2C4D; MGC12264; MOB1; MOB3; PREI3; class II mMOB1; mob1 homolog 3; mps one binder kinase activator-like 3; phocein; preimplantation protein 3; Accession Number (s): NP_056202.2; NP_955776.1; NP_001094289.1; Human Gene ID(s): 25843; Non-Human GenelD(s): 19070 (mouse) 171050 (rat)

Immunogen NSNKYFPSRVSIIKES, is from internal region
This antibody is expected to recognize all three reported isoforms (NP_056202.2; NP_955776.1; NP_001094289.1).

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 4000.

Western Blot Western Blot: Approx 26kDa band observed in Human Brain (Frontal Cortex) and in Mouse and Rat Brain lysates (calculated MW of 26.0kDa according to NP_056202.2). Recommended concentration: 0.3-1µg/ml.

IHC Immunohistochemistry: In paraffin embedded Human Cerebral Cortex shows cytoplasm staining in the neuronal bodies. Recommended concentration, 5-10µg/ml.

Reference Reference(s): Hirabayashi S, Nakagawa K, Sumita K, Hidaka S, Kawai T, Ikeda M, Kawata A, Ohno K, Hata Y, Threonine 74 of MOB1 is a putative key phosphorylation site by MST2 to form the scaffold to activate nuclear Dbf2-related kinase 1. *Oncogene* 2008 Jul 27 (31): 4281-92..PMID: 18362890->

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**