

Goat anti-MRG15 / MORF4L1 Antibody

Item Number dAP-0438

Target Molecule Principle Name: MRG15 / MORF4L1; Official Symbol: MORF4L1; All Names and Symbols: MORF4L1; MRG15; MORF-related gene 15; mortality factor 4 like 1; Eaf3; FWP006; HsT17725; MEAF3; MGC10631; MORFRG15; Esa1p-associated factor 3 homolog; MORF-related gene on chromosome 15; Accession Number (s): NP_006782.1; NP_996670.1; Human Gene ID(s): 10933; Non-Human GenelD(s): 21761 (mouse)

Immunogen APKQDPKPKFQEG, is from N Terminus
This antibody is expected to recognise isoform 1 (NP_006782.1) and isoform 2 (NP_996670.1).

Applications Pep ELISA, WB

Species Tested: Human, Mouse, Rat, Pig

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 128000.

Western Blot Western Blot: Approx 37kDa band observed in nuclear lysates of cell lines HepG2 and NIH3T3 and approx 40kDa band observed in Mouse, Rat and Pig Liver lysates (calculated MW of 37.2kDa according to Human NP_006782.1, Mouse NP_077751.1, Rat NP_001011999.1)

IHC

Reference Reference(s): Pardo PS, Leung JK, Lucchesi JC, Pereira-Smith OM. MRG15, a Novel Chromodomain Protein, Is Present in Two Distinct Multiprotein Complexes Involved in Transcriptional Activation. *J Biol Chem.* 2002 Dec 27;277(52):50860-6..PMID: 12397079 ->

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**