

Goat anti-CENTG3 / MRIP1 Antibody

Item Number	dAP-0434
Target Molecule	Principle Name: CENTG3 / MRIP1; Official Symbol: AGAP3; All Names and Symbols: AGAP3; CENTG3; MRIP1; centaurin, gamma 3; MRIP-1; MRIP-1 protein; ArfGAP with GTPase domain, ankyrin repeat and PH domain 3; CRAG; FLJ16146; FLJ34452; CRMP (collapsin response mediator protein) associated; centaurin, gamma 3; Accession Number (s): NP_114152.3; Human Gene ID(s): 116988; Non-Human GeneID (s): 213990 (mouse)
Immunogen	NPSAELHRSPSLL, is from C Terminus
Applications	Pep ELISA, IHC Species Tested: Human
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: Preliminary experiments gave an approx 45kDa band in Human Brain and Human Liver lysates at 1ug/ml. This band was successfully blocked by incubation with the immunising peptide. Please note that currently we cannot find an explanation in th
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows strong staining of brush borders in Proximal Convolved tubules. Recommended concentration, 5-10µg/ml.
Reference	Reference(s): Surks HK, Richards CT, Mendelsohn ME. Myosin phosphatase-Rho interacting protein. A new member of the myosin phosphatase complex that directly binds RhoA. J Biol Chem. 2003 Dec 19;278(51):51484-93. Epub 2003 Sep 23..PMID: 14506264->

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**