



Goat anti-ANTXR2 / CMG2 Antibody

Item Number	dAP-2101
Target Molecule	Principle Name: ANTXR2 / CMG2; Official Symbol: ANTXR2; All Names and Symbols: ANTXR2; anthrax toxin receptor 2; CMG-2; CMG2; FLJ31074; ISH; JHF; MGC111533; MGC45856; capillary morphogenesis protein 2; Accession Number (s): NP_477520.2; NP_001139266.1; Human Gene ID(s): 118429; Non-Human GeneID(s):
Immunogen	HEGLKLANEQIQK, is from internal region This antibody is expected to recognize both reported isoforms (NP_477520.2; NP_001139266.1).
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse
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 16000.
Western Blot	Western Blot: Approx 60kDa band observed in Mouse Kidney lysates (calculated MW of approx 54kDa according to NP_477520.2; NP_001139266.1). Recommended concentration: 0.3-1µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Liver and Kidney. Recommended concentration: 2.5µg/ml.
Reference	Reference(s): Deuquet J, Abrami L, Difeo A, Ramirez MC, Martignetti JA, van der Goot FG, Systemic hyalinos mutations in the CMG2 ectodomain leading to loss of function through retention in the endoplasmic reticulum. Human mutation 2009 Apr 30 (4): 583-9..PMID: 19191226->

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**