

## Goat anti-CRP2 / CSRP2 Antibody

<b>Item Number</b>	dAP-1271
<b>Target Molecule</b>	Principle Name: CRP2 / CSRP2; Official Symbol: CSRP2; All Names and Symbols: CRP2; CSRP2; cysteine and glycine-rich protein 2; LMO5; SmLIM; LIM domain only 5, smooth muscle; Accession Number (s): NP_001312.1; Human Gene ID(s): 1466; Non-Human GeneID(s): 13008 (mouse)
<b>Immunogen</b>	ERLGIKPESVQP, is from internal region
<b>Applications</b>	Pep ELISA, WB, IHC Species Tested: Human, Mouse, Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	Western Blot: Approx 26kDa band observed in Human Heart and Kidney lysates and in Mouse and Rat Kidney lysates (calculated MW of 21.0kDa according to NP_001312.1). The observed molecular weight corresponds to earlier findings in literature with different
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Lung shows staining of the endothelial cells of a blood vessel. Recommended concentration, 3-6µg/ml.
<b>Reference</b>	Reference(s): Stearns ME, Wang M, Hu Y, Garcia FU. Interleukin-10 activation of the interleukin-10E1 pathway and tissue inhibitor of metalloproteinase-1 expression is enhanced by proteasome inhibitors in primary prostate tumor lines. Mol Cancer Res. 2003 Jul;1(9):631-42..PMID: 12861049->

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**