



## Goat anti-CSRP3 Antibody

<b>Item Number</b>	dAP-1658
<b>Target Molecule</b>	Principle Name: CSRP3 ; Official Symbol: CSRP3; All Names and Symbols: CSRP3; cysteine and glycine-rich protein 3 (cardiac LIM protein); CLP; CMD1M; CRP3; LMO4; MGC14488; MGC61993; MLP; LIM domain only 4; cardiac LIM domain protein; cardiac LIM protein; cysteine and glycine-rich protein 3; cysteine-rich protein 3; muscle LIM; Accession Number (s): NP_003467.1; Human Gene ID(s): 8048; Non-Human GeneID(s): 13009 (mouse) 117505 (rat)
<b>Immunogen</b>	CGKSLESTNVTDKD, 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 32000.
<b>Western Blot</b>	Western Blot: Approx. 20kDa band observed in Human, Mouse and Rat Heart lysates (calculated MW of 21.0kDa according to Human NP_003467.1 and 20.8kDa according to Rat NP_476485.1). Recommended concentration: 0.01-0.03µg/ml. Primary incubation was 1 hour.
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Skeletal Muscle and Heart. Recommended concentration: 2.5µg/ml.
<b>Reference</b>	Reference(s): Zheng B, Wen JK, Han M. hhLIM is a novel F-actin binding protein involved in actin cytoskeleton remodeling. FEBS J. 2008 Apr;275(7):1568-78..PMID: 18331358->

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**