Goat anti-CEP290 Antibody

Item Number	dAP-1947
Target Molecule	Principle Name: CEP290 ; Official Symbol: CEP290; All Names and Symbols: CEP290; centrosomal protein 290kDa; 3H11Ag, BBS14, FLJ13615, FLJ21979, JBTS5, JBTS6, KIAA0373, LCA10, MKS4, NPHP6, SLSN6, rd16; CTCL tumor antigen se2-2; monoclonal antibody 3H11 antigen; nephrocytsin-6; prostate cancer antigen T21; Accession Number (s): NP_079390.3; Human Gene ID(s): 80184; Non-Human Gene-ID(s): 216274 (mouse)
Immunogen	RNSKHLKQQQYRAEN, is from internal region Despite similarity of the immunizing peptide with the mouse protein, this antibody was demonstrated to weak for mouse Cep290.
Applications	Pep ELISA, ICC 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; Reconsititute 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: Preliminary experiments gave an approx 80kDa band in Human Kidney, Testis, and HeLa lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calcul
IHC	
Reference	Reference(s): Allocca M, Doria M, Petrillo M, Colella P, Garcia-Hoyos M, Gibbs D, Kim SR, Maguire A, Rex TS, Di Vicino U, Cutillo L, Sparrow JR, Williams DS, Bennett J, Auricchio A. Serotype-dependent packaging of large genes in adeno-associated viral vectors results in effective gene delivery in mice. J. Clin. Invest.

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