ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-CEP290 / NPHP6 Antibody

Item Number

dAP-1360

Target Molecule

Principle Name: CEP290 / NPHP6; Official Symbol: CEP290 ; All Names and Symbols: CEP290; centrosomal protein 290kDa; 3H11Ag; FLJ13615; FLJ21979; JBTS5; JBTS6; KIAA0373; LCA10; MKS4; NPHP6; SLSN6; rd16; CTCL tumor antigen se2-2; monoclonal antibody 3H11 antigen; nephrocystin 6; nephrocystin -6; nephrocytsin-6; prostate cancer antigen T2; Accession Number (s): NP_079390.3; Human Gene ID(s): 80184; Non-Human GeneID(s):

Immunogen

QSGAESTIPDADQ, is from internal region

Applications

Pep ELISA

Species Tested:

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 8000.

Western Blot

Western Blot: Preliminary experiments in Human Kidney, Ovary and Thymus lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reporte

IHC

Reference

Reference(s): McEwen DP, Koenekoop RK, Khanna H, Jenkins PM, Lopez I, Swaroop A, Martens JR. Hypomorphic CEP290/NPHP6 mutations result in anosmia caused by the selective loss of G proteins in cilia of olfactory sensory neurons. Proc Natl Acad Sci U S A. 2007 Oct 2;104(40):15917-22. Epub 2007 Sep

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

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