

Rabbit anti-Human CEP290 Polyclonal Antibody | anti-CEP290 antibody

Rabbit anti-CEP290 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211575	Rabbit	Human	Immunocytochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

CEP290; Polyclonal Antibody; Rabbit anti-CEP290 Antibody; Affinity Purified; Bardet-Biedl syndrome 14 protein; monoclonal antibody 3H11 antigen; Nephrocystin-6; nephrocystin-6; NPHP6; POC3; POC3 centriolar protein homolog; prostate cancer antigen T21; rd16; SLSN6; MKS4; tumor antigen se2-2; LCA10; JBTS5; CTCL tumor antigen se2-2; CT87; Cep290; centrosomal protein of 290 kDa; centrosomal protein 290kDa; BBS14; 3H11Ag; cancer/testis antigen 87; Meckel syndrome; type 4; Centrosomal protein of 290 kDa; centrosomal protein 290; anti-CEP290 antibody

PRODUCT SPECIFICATIONS

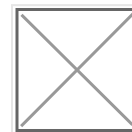
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CEP290 antibody	ICC (Immunocytochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 2429 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human CEP290 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-CEP290 antibody AAA211575 used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. CEP290 was also immunoprecipitated by rabbit anti-CEP290 antibody BL6289, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 10 second (B).



ICC (Immunocytochemistry)

Detection of human CEP290 by immunocytochemistry. Sample: NBF-fixed asynchronous HeLa cells. Antibody: Affinity purified rabbit anti-CEP290 (Cat. No. AAA211575) used at a dilution of 1:500 (2 ug/ml). Detection: Red-fluorescent goat anti-rabbit IgG cross-adsorbed Antibody DyLight 594 used at a dilution of 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-CEP290 antibody

Centrosomal protein 290 (CEP290) is a member of the nephrocystins, a family of proteins involved in renal cystic diseases. CEP290 and the nephrocystins appear to play a role in cilia and basal body function. Loss-of-function mutations in CEP290 result in Joubert syndrome and related disorders characterized by brain malformations, developmental delay, ataxia, irregular breathing, renal disease, and hepatic fibrosis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	109255234
NCBI GeneID	80184
NCBI Accession #	NP_079390.3
NCBI GenBank Nucleotide #	NM_025114.3
UniProt Accession #	O15078; Q1PSK5; Q66GS8; Q9H2G6; Q9H6Q7; Q9H8I0
Molecular Weight	290,386 Da
NCBI Official Full Name	centrosomal protein of 290 kDa
NCBI Official Synonym Full Names	centrosomal protein 290kDa
NCBI Official Symbol	CEP290
NCBI Official Synonym Symbols	CT87; MKS4; POC3; rd16; BBS14; JBTS5; LCA10; NPHP6; SLSN6; 3H11Ag
NCBI Protein Information	centrosomal protein of 290 kDa; nephrocytsin-6; tumor antigen se2-2; Meckel syndrome, type 4; CTCL tumor antigen se2-2; cancer/testis antigen 87; prostate cancer antigen T21; POC3 centriolar protein homolog; Bardet-Biedl syndrome 14 protein; monoclonal an
UniProt Protein Name	Centrosomal protein of 290 kDa
UniProt Gene Name	CEP290
UniProt Synonym Gene Names	BBS14; KIAA0373; NPHP6; Cep290; CT87
UniProt Entry Name	CE290_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cep290-antibody-immunocytochemistry-immunoprecipitation-western-blot-elisa/211575>