

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

CEP290 Polyclonal Antibody

CATALOG # AAA294464	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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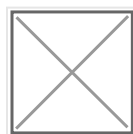
PRODUCT SYNONYMS

CEP290; Polyclonal Antibody; CEP290 Polyclonal Antibody; BBS14; KIAA0373; NPHP6; Centrosomal protein of 290 kDa; Cep290; Bardet-Biedl syndrome 14 protein; Cancer/testis antigen 87; CT87; Nephrocystin-6; Tumor antigen se2-2; anti-CEP290 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Applicable Applications for anti-CEP290 antibody	WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.


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ADDITIONAL INFORMATION

Related Product Information for anti-CEP290 antibody	Involved in early and late steps in cilia formation. Its association with CCP110 is required for inhibition of primary cilia formation by CCP110 (PubMed:18694559). May play a role in early ciliogenesis in the disappearance of centriolar satellites and in the transition of primary ciliar vesicles (PCVs) to capped ciliary vesicles (CCVs). Required for the centrosomal recruitment of RAB8A and for the targeting of centriole satellite proteins to centrosomes such as of PCM1 (PubMed:24421332). Required for the correct localization of ciliary and phototransduction proteins in retinal photoreceptor cells; may play a role in ciliary transport processes (By similarity). Required for efficient recruitment of RAB8A to primary cilium (PubMed:17705300). In the ciliary transition zone is part of the tectonic-like complex which is required for tissue-specific ciliogenesis and may regulate ciliary membrane composition (By similarity). Involved in regulation of the BBSome complex integrity, specifically for presence of BBS2, BBS5 and BBS8/TTC8 in the complex, and in ciliary targeting of selected BBSome cargos. May play a role in controlling entry of the BBSome complex to cilia possibly implicating IQCB1/NPHP5 (PubMed:25552655). Activates ATF4-mediated transcription (PubMed:16682973).
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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-western-blot-elisa/294464>