

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

CEP290 Antibody

CATALOG # AAA310354	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

CEP290; Polyclonal Antibody; CEP290 Antibody; CT87; MKS4; POC3; rd16; BBS14; JBTS5; LCA10; NPHP6; SLSN6; 3H11Ag; anti-CEP290 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total CEP290 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.7mg/ml (varies by lot)
Sequence Length	910
Applicable Applications for anti-CEP290 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic protein corresponding to internal residues of human CEP290
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 46475(CEP290 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 46475(CEP290 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: x200)

ADDITIONAL INFORMATION

Related Product Information for anti-CEP290 antibody

This gene encodes a protein with 13 putative coiled-coil domains, a region with homology to SMC chromosome segregation ATPases, six KID motifs, three tropomyosin homology domains and an ATP/GTP binding site motif A. The protein is localized to the centrosome and cilia and has sites for N-glycosylation, tyrosine sulfation, phosphorylation, N-myristoylation, and amidation. Mutations in this gene have been associated with Joubert syndrome and nephronophthisis and the presence of antibodies against this protein is associated with several forms of cancer.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14250412
NCBI GeneID	80184
UniProt Accession #	O15078; Q1PSK5; Q66GS8; Q9H2G6; Q9H6Q7; Q9H8I0
Molecular Weight	180,067 Da
NCBI Official Full Name	Homo sapiens centrosomal protein 290kDa, mRNA
NCBI Official Synonym Full Names	centrosomal protein 290
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
UniProt Protein Name	Centrosomal protein of 290 kDa
UniProt Gene Name	CEP290
UniProt Synonym Gene Names	BBS14; KIAA0373; NPHP6; Cep290; CT87

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-immunohistochemistry-elisa/310354>