

Rabbit anti-Human CEP131 Polyclonal Antibody | anti-CEP131 antibody

CEP131 Antibody

CATALOG # AAA311812	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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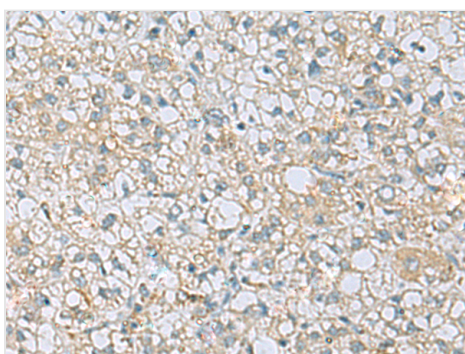
PRODUCT SYNONYMS

CEP131; Polyclonal Antibody; CEP131 Antibody; AZ1; ZA1; AZI1; anti-CEP131 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen affinity purification
Form/Format	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration	0.9mg/mL (varies by lot)
Sequence Length	1080
Applicable Applications for anti-CEP131 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human CEP131
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human liver cancer tissue using (CEP131 Antibody) at dilution 1/30.



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human tonsil tissue using (CEP131 Antibody) at dilution 1/30.

ADDITIONAL INFORMATION

Related Product Information for anti-CEP131 antibody	Component of centriolar satellites contributing to the building of a complex and dynamic network required to regulate cilia/flagellum formation (PubMed:17954613, PubMed:24185901). In proliferating cells, MIB1-mediated ubiquitination induces its sequestration within centriolar satellites, precluding untimely cilia formation initiation (PubMed:24121310). In contrast, during normal and ultraviolet or heat shock cellular stress-induced ciliogenesis, its non-ubiquitinated form is rapidly displaced from centriolar satellites and recruited to centrosome/basal bodies in a microtubule- and p38 MAPK-dependent manner (PubMed:24121310, PubMed:26616734). Acts also as a negative regulator of BBSome ciliary trafficking (PubMed:24550735). Plays a role in sperm flagellar formation; may be involved in the regulation of intraflagellar transport (IFT) and/or intramanchette (IMT) trafficking, which are important for axoneme extension and/or cargo delivery to the nascent sperm tail (By similarity). Required for optimal cell proliferation and cell cycle progression; may play a role in the regulation of genome stability in non-ciliogenic cells (PubMed:22797915, PubMed:26297806). Involved in centriole duplication (By similarity). Required for CEP152, WDR62 and CEP63 centrosomal localization and promotes the centrosomal localization of CDK2 (PubMed:26297806).
Product Categories/Family for anti-CEP131 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	111955084
NCBI GeneID	22994
NCBI Accession #	NP_055799
NCBI GenBank Nucleotide #	NP_055799.2
UniProt Accession #	P19823; Q9UPN4
NCBI Official Full Name	centrosomal protein of 131 kDa isoform a
NCBI Official Synonym Full Names	centrosomal protein 131
NCBI Official Symbol	CEP131
NCBI Official Synonym Symbols	AZ1; ZA1; AZI1
NCBI Protein Information	centrosomal protein of 131 kDa
UniProt Protein Name	Inter-alpha-trypsin inhibitor heavy chain H2
UniProt Gene Name	ITIH2
UniProt Synonym Gene Names	IGHEP2; ITI heavy chain H2; ITI-HC2; Inter-alpha-inhibitor heavy chain 2; SHAP
UniProt Entry Name	ITIH2_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/cep131-antibody-immunohistochemistry-elisa/311812>