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Datasheet for ABIN6942534

anti-CEP290 antibody (AA 131-230) (Alexa Fluor 594)

Overview

Quantity:	100 µL
Target:	CEP290
Binding Specificity:	AA 131-230
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CEP290 antibody is conjugated to Alexa Fluor 594
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CEP290
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Horse
Purification:	Purified by Protein A.

Target Details

Target:	CEP290
Alternative Name:	CEP290 (CEP290 Products)

Target Details

Background: Synonyms: 3H11AG, Bardet-Biedl syndrome 14 protein, BBS14, Cancer/testis antigen 87, CE290_HUMAN, Centrosomal protein 290 kDa, Centrosomal protein of 290 kDa, Cep290, CT87, CTCL tumor antigen se2 2, FLJ13615, FLJ21979, JBTS5, JBTS6, KIAA0373, LCA10, Meckel syndrome, type 4, MKS4, Monoclonal, 3H11 antigen, Nephrocystin 6, Nephrocystin-6, NPHP6, POC3, POC3 centriolar protein homolog, Prostate cancer antigen T21, rd16, SLSN6 1, 2, 5, SLSN6, Tumor antigen se2-2.

Background: 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. [provided by RefSeq, Jul 2008]

Gene ID: 80184

UniProt: [O15078](#)

Pathways: [cAMP Metabolic Process, M Phase](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Handling

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months