

Product datasheet for **TA369955S**

CEP290 Rabbit Polyclonal Antibody

Product data:

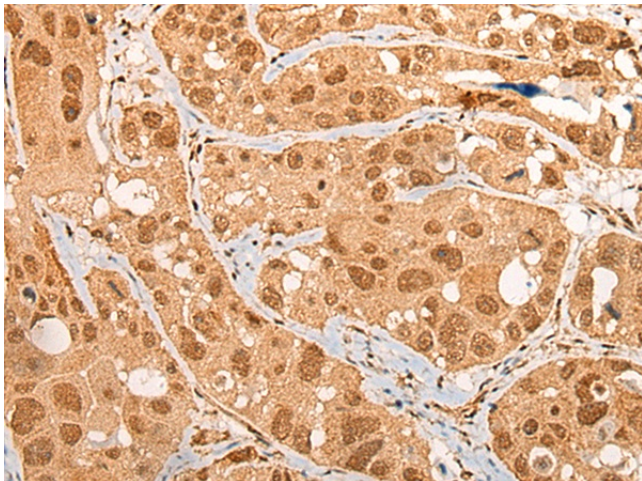
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human CEP290
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	centrosomal protein 290
Database Link:	Entrez Gene 80184 Human Q15078

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.

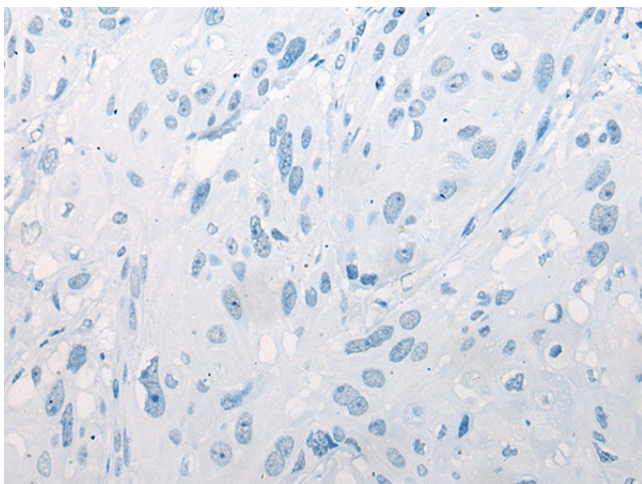
Synonyms: 3H11AG; BBS14; CT87; FLJ13615; FLJ21979; JBTS5; JBTS6; KIAA0373; LCA10; MKS4; Nephrocystin-6; nephrocystin-6; NPHP6; rd16; SLSN6



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Product images:

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA369955] (CEP290 Antibody) at dilution 1/25 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA369955] (CEP290 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: $\times 200$)