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anti-CEP290 antibody (Internal Region)

lgG



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Isotype:

Quantity:	50 μL
Target:	CEP290
Binding Specificity:	AA 740-820, Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CEP290 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details	
Purpose:	CEP290 is a protein encoded by the CEP290 gene which is approximately 290,3 kDa. CEP290 is
	localised to the cytoplasm. It is involved in regulation of PLK1 activity at G2/M transition, innate
	immune system and mitotic cell cycle. It is 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. It is involved in the early
	and late steps of cilia formation. CEP290 is ubiquitously expressed with stronger expression in
	the placenta. Mutations in the CEP290 gene may result in Joubert syndrome. STJ92224 was
	affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific
	immunogen. This polyclonal antibody detects endogenous levels of CEP290 protein.
Immunogen:	Synthesized peptide derived from human CEP290

Product Details

Specificity:	CEP290 Polyclonal Antibody detects endogenous levels of CEP290 protein.
Characteristics:	Rabbit polyclonal to CEP290.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	CEP290	
Alternative Name:	CEP290 (CEP290 Products)	
Molecular Weight:	290 kDa	
Gene ID:	80184	
UniProt:	015078	
Pathways:	cAMP Metabolic Process, M Phase	

Application Details

Application Notes:	WB 1:500-1:2000
	ELISA 1:20000
Comment:	Ubiquitous. Expressed strongly in placenta and weakly in brain.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.