

Datasheet for ABIN5514637
anti-CEP290 antibody (N-Term)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CEP290
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CEP290 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CEP290
Sequence:	EQLCQDIIDY QKQIDSQKET LLSRRGEDSD YRSQLSKKNY ELIQYLDEIQ
Purification:	Affinity purified

Target Details

Target:	CEP290
Alternative Name:	CEP290 (CEP290 Products)
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

Target Details

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.

Alias Symbols: CT87, MKS4, POC3, rd16, BBS14, JBTS5, LCA10, NPHP6, SLSN6, 3H11Ag

Protein Size: 805

Gene ID:	80184
NCBI Accession:	NM_025114 , NP_079390
UniProt:	Q05BJ6
Pathways:	cAMP Metabolic Process , M Phase

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.