



Anti-CENPJ (aa 979-1088) polyclonal antibody (DPAB-DC2449)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a protein that belongs to the centromere protein family. During cell division, this protein plays a structural role in the maintenance of centrosome integrity and normal spindle morphology, and it is involved in microtubule disassembly at the centrosome. This protein can function as a transcriptional coactivator in the Stat5 signaling pathway, and also as a coactivator of NF-kappaB-mediated transcription, likely via its interaction with the coactivator p300/CREB-binding protein. Mutations in this gene are associated with primary autosomal recessive microcephaly, a disorder characterized by severely reduced brain size and mental retardation. Alternatively spliced transcript variants have been found for this gene.
Immunogen	CENPJ (NP_060921, 979 a.a. ~ 1088 a.a) partial recombinant protein with GST tag. The sequence is KYTTAARTFPDKKEREELQTLKQQIADLREDLKRKETKWSSTHSRLRSQIQMLVRENTDL REEIKVMERFRLDAWKRAEAIESLVEKKDKLANTSVRFQNSQISSGTQ
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	CENPJ centromere protein J [Homo sapiens (human)]
Official Symbol	CENPJ
Synonyms	CENPJ; centromere protein J; LAP; CPAP; LIP1; BM032; MCPH6; SASS4; SCKL4; Sas-4; CENP-J; LAG-3-associated protein; LYST-interacting protein 1; LYST-interacting protein LIP1; LYST-interacting protein LIP7; centrosomal P4.1-associated protein;
Entrez Gene ID	55835
Protein Refseq	NP_060921
UniProt ID	A8K8P1
Chromosome Location	13q12.12
Pathway	Cell Cycle; Centrosome maturation; Loss of Nlp from mitotic centrosomes; Mitotic G2-G2/M phases
Function	protein binding; protein domain specific binding; protein kinase binding; tubulin binding