



Anti-CLASP1 (aa 1133-1226) polyclonal antibody (DPAB-DC1079)

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

PRODUCT INFORMATION

Antigen Description	CLASPs, such as CLASP1, are nonmotor microtubule-associated proteins that interact with CLIPs (e.g., CLIP170; MIM 179838). CLASP1 is involved in the regulation of microtubule dynamics at the kinetochore and throughout the spindle (Maiato et al., 2003 [PubMed 12837247]).[supplied by OMIM, Mar 2008]
Immunogen	CLASP1 (NP_056097, 1133 a.a. ~ 1226 a.a) partial recombinant protein with GST tag. The sequence is DGLAKHPPPFSQPNSIPTAPSHKALRRSYSPSMLDYDTENLNSEEIYSSLRGVTEAIEKF SFRSQEDLNEPIKRDGKKECDIVSRDGGAASPAT
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	CLASP1 cytoplasmic linker associated protein 1 [Homo sapiens (human)]
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Official Symbol	CLASP1
Synonyms	CLASP1; cytoplasmic linker associated protein 1; MAST1; CLIP-associating protein 1; multiple asters 1; protein Orbit homolog 1; multiple asters homolog 1; cytoplasmic linker-associated protein 1;
Entrez Gene ID	23332
Protein Refseq	NP_001135745
UniProt ID	Q7Z460
Chromosome Location	2q14.2-q14.3
Pathway	Axon guidance; Cell Cycle, Mitotic; Developmental Biology; Loss of Nlp from mitotic centrosomes
Function	kinetochore binding; microtubule binding; microtubule plus-end binding; protein binding
