

CDC40 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51061

Product Information

Application	WB, IP, IHC-P
Primary Accession	O60508
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65521

Additional Information

Gene ID	51362
Other Names	Pre-mRNA-processing factor 17, Cell division cycle 40 homolog, EH-binding protein 3, Ehb3, PRP17 homolog, hPRP17, CDC40, EHB3, PRP17, PRPF17
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CDC40. The exact sequence is proprietary.
Dilution	WB~~1:1000 IP~~N/A IHC-P~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CDC40
Synonyms	EHB3, PRP17, PRPF17
Function	Required for pre-mRNA splicing as component of the activated spliceosome (PubMed: 33220177). Plays an important role in embryonic brain development; this function does not require proline isomerization (PubMed: 33220177).
Cellular Location	Nucleus. Nucleus speckle

Background

Associates with the spliceosome late in the splicing pathway and may function in the second step of pre-mRNA splicing.

References

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Lindsey L.A.,et al.J. Biol. Chem. 273:32771-32775(1998).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mungall A.J.,et al.Nature 425:805-811(2003).
Ben-Yehuda S.,et al.RNA 4:1304-1312(1998).

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