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Anti-CDC40 Antibody

Catalog # AP51061

Product Information

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

Additional Information

Gene ID	51362
Other Names	EHB3; PRP17; PRPF17; Pre-mRNA-processing factor 17; Cell division cycle 40 homolog; EH-binding protein 3; Ehb3; PRP17 homolog; hPRP17
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CDC40. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

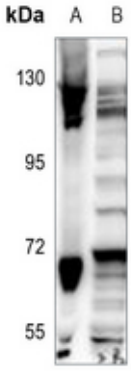
Name	CDC40
Synonyms	EHB3, PRP17, PRPF17
Function	Required for pre-mRNA splicing as component of the activated spliceosome (PubMed:33220177). Plays an important role in embryonic brain development; this function does not require proline isomerization (PubMed:33220177).
Cellular Location	Nucleus. Nucleus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

References

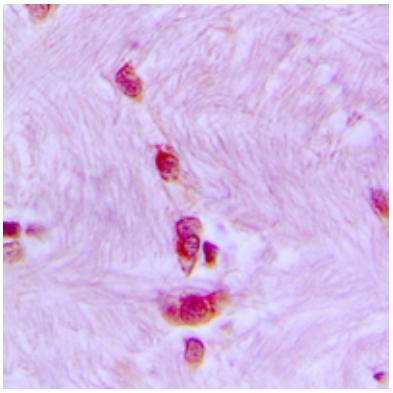
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Images



Western blot analysis of CDC40 expression in MCF7 (A), HEK293T (B) whole cell lysates. (Predicted band size: 65 kD; Observed band size: 70 kD)



Immunohistochemical analysis of CDC40 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.