ELK Biotechnology

Cdc40 rabbit pAb

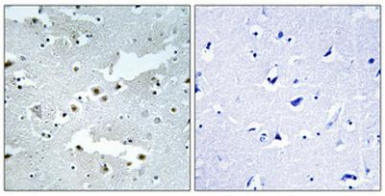
Cat No.:ES6519

For research use only

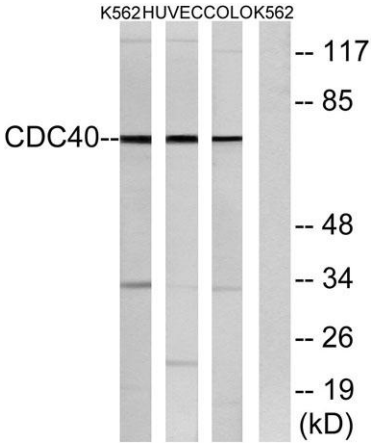
Overview

Product Name	Cdc40 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CDC40. AA range:179-228
Specificity	Cdc40 Polyclonal Antibody detects endogenous levels of Cdc40 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Pre-mRNA-processing factor 17
Gene Name	CDC40
Cellular localization	Nucleus . Nucleus speckle .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	66kD
Human Gene ID	51362
Human Swiss-Prot Number	O60508
Alternative Names	CDC40; EHB3; PRP17; PRPF17; Pre-mRNA-processing factor 17; Cell division cycle 40 homolog; EH-binding protein 3; Ehb3; PRP17 homolog; hPRP17
Background	Pre-mRNA splicing occurs in two sequential transesterification steps. The protein encoded by this gene is found to be essential for the catalytic step II in pre-mRNA splicing process. It is found in

the spliceosome, and contains seven WD repeats, which function in protein-protein interactions. This protein has a sequence similarity to yeast Prp17 protein, which functions in two different cellular processes: pre-mRNA splicing and cell cycle progression. It suggests that this protein may play a role in cell cycle progression. [provided by RefSeq, Jul 2008],



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by i



Western blot analysis of lysates from K562, COLO, and HUVEC cells, using CDC40 Antibody. The lane on the right is blocked with the synthesized peptide.