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<b>Product name:</b>	CDK5 Activator-binding C42 Rabbit Polyclonal Antibody
<b>Cat number:</b>	ABN08565
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Polyclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	The antiserum was produced against synthesized peptide derived from human CDK5RAP1. AA range:251-300
<b>Reactivity:</b>	Human,Rat,Mouse
<b>Applications:</b>	IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
<b>Purification:</b>	Affinity purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	This gene encodes a regulator of cyclin-dependent kinase 5 activity. This protein has also been reported to modify RNA by adding a methylthio-group and may thus have a dual function as an RNA methylthiotransferase and as an inhibitor of cyclin-dependent kinase 5 activity. Alternative splicing results in multiple transcript variants that encode different isoforms. [provided by RefSeq, May 2013],cofactor: Binds 2 4Fe-4S clusters. One cluster is coordinated with 3 cysteines and an exchangeable S-adenosyl-L-methionine.,function: Specifically inhibits CDK5 activation by CDK5R1.,sequence caution: Translated as Glu.,similarity: Belongs to the methylthiotransferase family. MiaB subfamily.,similarity: Contains 1 MTTase N-terminal domain.,similarity: Contains 1 TRAM domain.,subunit: Interacts with CDK5R1 (p35 form). CDK5RAP1, CDK5RAP2 and CDK5RAP3 show competitive binding to CDK5R1. Forms a complex with CDK5R1 and CDK5.,tissue specificity: Widely expressed. Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.,