



CDK5 Activator-binding C48 rabbit pAb

Cat No.:ES6757

For research use only

Overview

Product Name	CDK5 Activator-binding C48 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CDK5RAP2. AA range:251-300
Specificity	CDK5 Activator-binding C48 Polyclonal Antibody detects endogenous levels of CDK5 Activator-binding C48 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	CDK5 regulatory subunit-associated protein 2
Gene Name	CDK5RAP2
Cellular localization	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Golgi apparatus . Cytoplasm . Cytoplasm, cytoskeleton . Found in the pericentriolar region adhering to the surface of the centrosome and in the region of the centrosomal appendages. Loca
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	55755
Human Swiss-Prot Number	Q96SN8
Alternative Names	CDK5RAP2; CEP215; KIAA1633; CDK5 regulatory subunit-associated protein 2; CDK5 activator-binding





Background

protein C48; Centrosome-associated protein 215
This gene encodes a regulator of CDK5 (cyclin-dependent kinase 5) activity. The protein encoded by this gene is localized to the centrosome and Golgi complex, interacts with CDK5R1 and pericentrin (PCNT), plays a role in centriole engagement and microtubule nucleation, and has been linked to primary microcephaly and Alzheimer's disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013],

Immunohistochemistry analysis of paraffin-embedded human brain, using CDK5RAP2 Antibody. The picture on the right is blocked with the synthesized peptide.

