CDK5 Antibody (YA796)

Cat. No.:	HY-P80613
Synonyms:	CDK5 Antibody (YA796) is a non-conjugated and Mouse origined monoclonal antibody about 33 kDa, targeting to CDK5 (2E8). It can be used for WB,ICC/IF assays with tag free, in the background of Human, Mouse, Rat, Monkey.
Host:	Mouse
Reactivity:	Human, Mouse, Rat, Monkey
Conjugation:	Non-conjugated
SwissProt ID:	Q00535
Research Field:	Cell Biology
Molecular Weight:	Predicted band size: 33 kDa

PROPERTIES

Formulation	Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide.
Purity	affinity purified
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Appearance	Liquid

Application & Dilution Ratio

Application	Dilution Ratio
WB	1:500-1:1,000
IF	1:50-1:200

Shipping	Shipping with blue ice.

DESCRIPTION

Background	CDK5 (2E8): This gene encodes a proline-directed serine/threonine kinase that is a member of the cyclin-dependent kinase family of proteins. Unlike other members of the family, the protein encoded by this gene does not directly control cell cycle regulation. Instead the protein, which is predominantly expressed at high levels in mammalian postmitotic central nervous system neurons, functions in diverse processes such as synaptic plasticity and neuronal migration through phosphorylation of proteins required for cytoskeletal organization, endocytosis and exocytosis, and apoptosis. In humans, an allelic variant of the gene that results in undetectable levels of the protein has been associated with lethal autosomal recessive lissencephaly-7. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2015]

Caution: Product has not been fully validated for medical applications. For research use only.

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