



Rabbit Anti-Human CDK5 (Phospho-Tyr15) polyclonal antibody (CABT-L3406)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview Rabbit Anti-Human EPB41 (Phospho-Tyr660/418) polyclonal antibody. This antibody detects endogenous levels of CDK5 only when phosphorylated at Tyr15.

Specificity Target Modification: Phospho.
Modification Sites: Human: Y15; Mouse: Y15; Rat: Y15

Target Human CDK5 (Phospho-Tyr15)

Immunogen The antiserum was produced against synthesized peptide derived from human CDK5 around the phosphorylation site of Tyr15. Immunogen range: 1-50

Isotype IgG

Source/Host Rabbit

Species Reactivity Human, Mouse, Rat

Purification Affinity Purified

Conjugate Unconjugated

Applications WB, ELISA

Molecular Weight 33 kDa

Preparation The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.

Format Liquid

Concentration	Lot specific
Size	100 µl
Buffer	Rabbit IgG in PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl and 50% glycerol.
Preservative	0.02% Sodium Azide
Storage	Stable at -20°C for at least 1 year.
Ship	Wet ice

BACKGROUND

Introduction	Cell division protein kinase 5 is an enzyme that in humans is encoded by the CDK5 gene. The protein encoded by this gene is part of the cyclin-dependent kinase family.
Keywords	CDK5;cyclin-dependent kinase 5;PSSALRE;cyclin-dependent-like kinase 5;TPKII catalytic subunit;protein kinase CDK5 splicing;cell division protein kinase 5;serine/threonine-protein kinase PSSALRE;tau protein kinase II catalytic subunit;

GENE INFORMATION

Gene Name	CDK5 cyclin-dependent kinase 5 [Homo sapiens (human)]
Official Symbol	CDK5
Synonyms	CDK5, Cell division protein kinase 5, CRK6, kinase Cdk5, PSSALRE, Tau protein kinase II catalytic subunit, TAU protein kinase II catalytic subunit, TPKII catalytic subunit
Entrez Gene ID	1020
UniProt ID	Q00535