

CK-1 gamma 1/2/3 Antibody | anti-CK-1 gamma 1/2/3 antibody

CK-1 gamma 1/2/3 (Phospho-Tyr263) Antibody

CATALOG # AAA109549	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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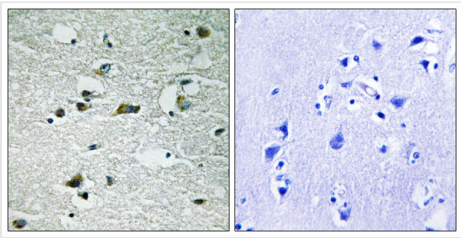
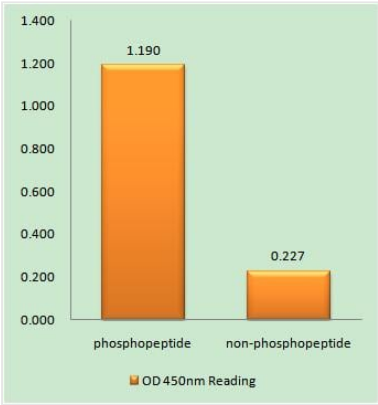
PRODUCT SYNONYMS

CK-1 gamma 1/2/3; CK-1 gamma 1/2/3 (Phospho-Tyr263) Antibody; Casein kinase I; gamma 1 isoform; CK1-gamma1; CSNK1G1; EC 2.7.11.1; KC1G1; kinase CK1-gamma1; anti-CK-1 gamma 1/2/3 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	CK-1 gamma 1/2/3 (Phospho-Tyr263) antibody detects endogenous levels of CK-1 gamma 1/2/3 only when phosphorylated at tyrosine 263.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	422
Applicable Applications for anti-CK-1 gamma 1/2/3 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human CK-1 gamma 1/2/3 around the phosphorylation site of tyrosine 263 (E-R-YP-Q-K).
All Sites	Human: Tyr263/264/261 Mouse: Tyr263/264/261 Rat: Tyr263/264/261
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain tissue using CK-1 gamma 1/2/3 (Phospho-Tyr263) antibody. CK-1 gamma 1/2/3 (Phospho-Tyr263) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CK-1 gamma 1/2/3 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Kusuda J., Cytogenet. Cell Genet. 90:298-302(2000). The MGC Project Team; Genome Res. 14:2121-2127(2004). Hillman R.T., Genome Biol. 5:RESEARCH008.1-RESEARCH008.16(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	1044873352
NCBI GeneID	53944
NCBI Accession #	NP_001316535.1
NCBI GenBank Nucleotide #	NM_001329606.1
UniProt Accession #	Q9HCP0; Q5JPH1; Q96AE9; Q9HCP1
Molecular Weight	45,414 Da
NCBI Official Full Name	casein kinase I isoform gamma-1 isoform 1
NCBI Official Synonym Full Names	casein kinase 1 gamma 1
NCBI Official Symbol	CSNK1G1
NCBI Official Synonym Symbols	CK1gamma1
NCBI Protein Information	casein kinase I isoform gamma-1
UniProt Protein Name	Casein kinase I isoform gamma-1
UniProt Gene Name	CSNK1G1
UniProt Synonym Gene Names	CKI-gamma 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.