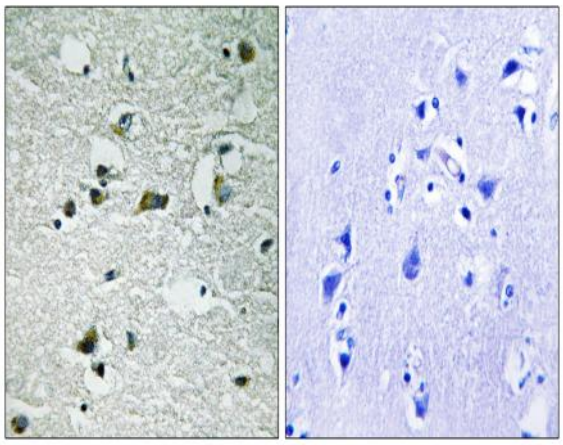
Best Tools for immunology Research

Casein Kinase Iγ1/2/3 (phospho Tyr263) Polyclonal Antibody

Catalog No :	YP1040
Reactivity :	Human;Mouse;Rat
Applications :	IHC;IF;ELISA
Target :	Casein Kinase Iγ1/2/3
Fields :	>>Hedgehog signaling pathway
Gene Name :	CSNK1G1/CSNK1G2/CSNK1G3
Protein Name :	Casein kinase I isoform gamma-1/2/3
Human Gene Id :	53944/1455/1456
Human Swiss Prot No :	Q9HCP0/P78368/Q9Y6M4
Mouse Gene Id :	214897/103236/70425
Rat Gene Id :	64086/65278/64823
Rat Swiss Prot No :	Q62761/Q62762/Q62763
Immunogen :	The antiserum was produced against synthesized peptide derived from human CK-1 gamma1/2/3 around the phosphorylation site of Tyr263. AA range:229-278
Specificity :	Phospho-Casein Kinase Iγ1/2/3 (Y263) Polyclonal Antibody detects endogenous levels of Casein Kinase Iγ1/2/3 protein only when phosphorylated at Y263.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-

	chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	50kD
Cell Pathway :	Hedgehog;
Background :	This gene encodes a member of the casein kinase I gene family. This family is comprised of serine/threonine kinases that phosphorylate acidic proteins such as caseins. The encoded kinase plays a role in cell cycle checkpoint arrest in response to stalled replication forks by phosphorylating Claspin. A mutation in this gene may be associated with non-syndromic early-onset epilepsy (NSEOE). [provided by RefSeq, Jul 2016],
Function :	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling.,PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. CK1 Ser/Thr protein kinase family. Casein kinase I subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Monomer.,
Subcellular Location :	Cytoplasm.
Expression :	Brain,Muscle,Pooled,
Sort :	3141
No4 :	1
Host :	Rabbit
Modifications :	Phospho

Products Images



Immunohistochemistry analysis of paraffin-embedded human brain, using CK-1 gamma1/2/3 (Phospho-Tyr263) Antibody. The picture on the right is blocked with the phospho peptide.