

Phospho-Casein Kinase II Alpha (Y255) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-PHS00391
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Casein Kinase II alpha around the phosphorylation site of Tyr255. AA range:221-270
Mol wt	45144
Species reactivity	Human, mouse, rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Phospho-Casein Kinase IIalpha (Y255) Antibody
Synonyms	CSNK2A1; CK2A1; Casein kinase II subunit alpha; CK II alpha

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. It is involved in various cellular processes, including cell cycle control, apoptosis, and circadian rhythm. The kinase exists as a tetramer and is composed of an alpha, an alpha-prime, and two beta subunits. The alpha subunits contain the catalytic activity while the beta subunits undergo autophosphorylation. The protein encoded by this gene represents the alpha subunit. While this gene is found on chromosome 20, a related transcribed pseudogene is found on chromosome 11. Three transcript variants encoding two different proteins have been found for this gene.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 10000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year