32-5959: Mouse Anti Human Casein kinase I isoform alpha(Clone:PAT2E2AT.)

Clonality :	Monoclonal
Clone Name :	PAT2E2AT.
Application :	ELISA,WB
Gene :	CTNNB1
Gene ID :	1499
Uniprot ID :	P35222
Format :	Purified
Alternative Name :	Casein kinase I isoform alpha,CKI-alpha,CK1,CSNK1A1,HLCDGP1,PRO2975.
Isotype :	Mouse IgG2b heavy chain and ? light chain.
Immunogen Information :	Anti-human CSNK1A1 mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human CSNK1A1 amino acids 1-337 purified from E. coli.

Description

Caseine Kinase 1 alpha belongs is a member of the protein kinase superfamily, CK1 Ser/Thr protein kinase family, Casein kinase I subfamily. The CK1 isoforms - alpha, beta, gamma, delta, epsilon and their splice variants are involved in diverse cellular processes including membrane trafficking, circadian rhythm, cell cycle progression, chromosome segregation, apoptosis and cellular differentiation. Possibly CSNK1A1 can phosphorylate a large number of proteins and is involved in Wnt signaling where it phosphorylates CTNNB1 on Ser45. CSNK1A1 also interacts with the Axin complex.

Product Info

Amount :	20 μg
Purification :	CSNK1A1 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

CSNK1A1 antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:1000 ~ 2000. Recommended starting dilution is 1:1000.