

bs-12428R**[Primary Antibody]****BioSS**
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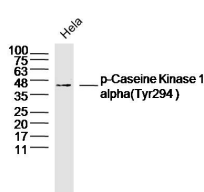
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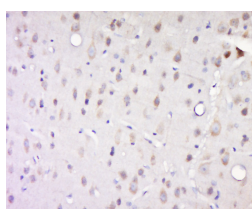
400-901-9800

phospho-Caseine Kinase 1 alpha(Tyr294) Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Rat (predicted: Mouse, Rabbit, Sheep, Chicken) Predicted MW.: 39 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Polyclonal		
GeneID: 1452	SWISS: P48729	
Target: Caseine Kinase 1 alpha(Tyr294)		
Immunogen: KLH conjugated synthesised phosphopeptide derived from human Caseine Kinase 1 alpha around the phosphorylation site of Tyr294 : YD(p-Y)TF.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: 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. Phosphorylates CTNNB1 at 'Ser-45'. May play a role in segregating chromosomes during mitosis.		

— VALIDATION IMAGES —

Sample: HeLa Cell (Human)Lysate at 40 ug
Primary: Anti-phospho-Caseine Kinase 1 alpha(Tyr294) (bs-12428R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39 kD
Observed band size: 39 kD



Tissue/cell: rat brain tissue; 4%
Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-phospho-Caseine Kinase 1 alpha (Tyr294) Polyclonal Antibody, Unconjugated(bs-12428R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining