

PSK-H2 polyclonal antibody

Catalog: BS60060

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

The phosphorylation and dephosphorylation of proteins on serine and threonine residues is an essential means of regulating a broad range of cellular functions in eukaryotes including cell division, homeostasis and apoptosis. A group of proteins that are intimately involved in this process are the serine/threonine (Ser/Thr) protein kinases. PSKH2 (protein serine kinase H2) is a 385 amino acid protein belonging to the CAMK Ser/Thr protein kinase family. Containing one protein kinase domain, PSKH2 is encoded by a gene located on human chromosome 8, which consists of nearly 146 million base pairs, houses more than 800 genes and is associated with a variety of diseases and malignancies. Schizophrenia, bipolar disorder, Trisomy 8, Pfeiffer syndrome, congenital hypothyroidism, Waardenburg syndrome and some leukemias and lymphomas are thought to occur as a result of defects in specific genes that map to chromosome 8.

Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

Molecular Weight:

~ 43 kDa

Swiss-Prot:

Q96QS6

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

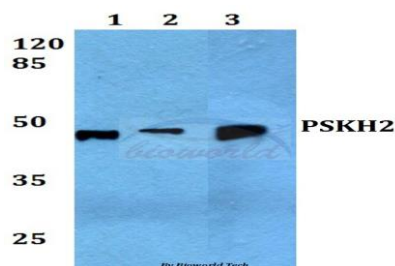
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

PSK-H2 polyclonal antibody detects endogenous levels of PSK-H2 protein.

DATA:



Western blot (WB) analysis of PSK-H2 polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate

Lane2:HEK293T whole cell lysate

Lane3:Mouse brain tissue lysate

Note:

For research use only, not for use in diagnostic procedure.

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