

MST3/STK3 Rabbit pAb

Catalog Number: bs-7599R

Target Protein: MST3/STK3

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Mouse, Rat (predicted:Rabbit, Cow, Chicken, Dog, Horse)

Predicted MW: 56 kDa

Entrez Gene: 8428

Swiss Prot: Q9Y6E0

Source: KLH conjugated synthetic peptide derived from human STK3: 101-200/491.

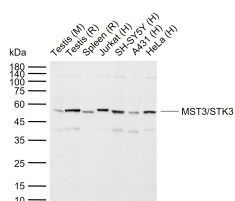
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

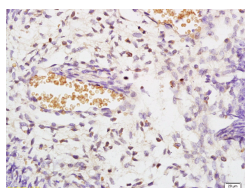
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: STK3 is a stress-activated, pro-apoptotic kinase which, following caspase-cleavage, enters the nucleus and induces chromatin condensation followed by internucleosomal DNA fragmentation.

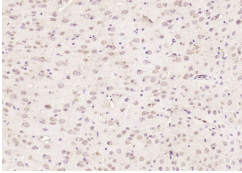
VALIDATION IMAGES



Sample: Lane 1: Mouse Testis tissue lysates Lane 2: Rat Testis tissue lysates Lane 3: Rat Spleen tissue lysates Lane 4: Human Jurkat cell lysates Lane 5: Human SH-SY5Y cell lysates Lane 6: Human A431 cell lysates Lane 7: Human HeLa cell lysates Primary: Anti-MST3/STK3 (bs-7599R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 56 kDa Observed band size: 56 kDa



Tissue/cell: mouse embryo 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-STK3/MST3 Polyclonal Antibody, Unconjugated(bs-7599R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MST3 STK3) Polyclonal Antibody, Unconjugated (bs-7599R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=4.074] Yang J et al. STK24 modulates excitatory synaptic transmission in epileptic hippocampal neurons. CNS Neurosci Ther. 2020 Aug;26(8):851-861. IF ; Human/Mouse . 32436359