

PITSLRE (K20) polyclonal antibody

Catalog: BS1951

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

The PITSLRE β 1 protein, a distantly related member of the Cdk family of protein kinases, induces apoptosis after low levels of ectopic expression. Apoptosis, or programmed cell death, is similarly induced by ectopic expression of an amino terminal deletion mutant retaining the catalytic and carboxy

terminal domains of PITSLRE β 1, but not by other mutants lacking Histone H1 kinase activity or by other Cdk family members. The terminology for the ten isoforms of the PITSLRE subfamily of proteins is based on the conserved PSTAIRE box region of Cdc2 p34. Depending on which of the PITSLRE genes produce the protein, the cDNA and protein are designated α , β or γ (i.e., PITSLRE A gene, α ; PITSLRE B gene, β and PITSLRE C gene, γ). Some of the isoforms such as PITSLRE α 1 (T cells) and PITSLRE β 1 (B cells and brain), are expressed in specific cell types, while others are expressed ubiquitously.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 110,92 kDa

Swiss-Prot:

P21127

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

IHC: 1:50~1:200

Storage&Stability:

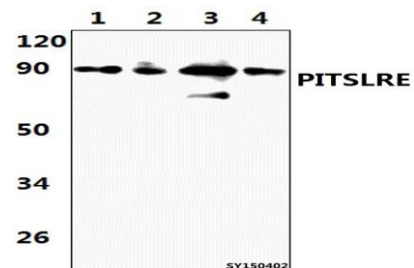
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

PITSLRE (K20) polyclonal antibody detects endogenous levels of PITSLRE protein.

DATA:



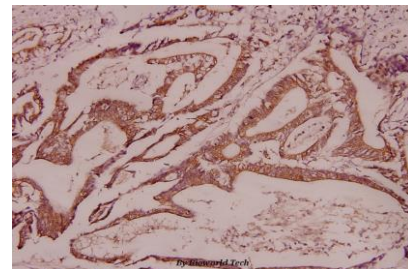
Western blot (WB) analysis of PITSLRE (K20) polyclonal antibody at 1:1000 dilution

Lane1:HEK293T whole cell lysate (46µg)

Lane2:H9C2 whole cell lysate (56µg)

Lane3:Raw264.7 whole cell lysate (51µg)

Lane4:NIH/3T3 whole cell lysate (43µg)



Immunohistochemistry (IHC) analyzes of PITSLRE (K20) pAb in paraffin-embedded human colorectal cancer carcinoma tissue at 1:100.

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151