

POTEG polyclonal antibody

Catalog: BS62434

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

POTE ankyrin domain family, member G (poteg) belongs to POTE family. The POTE family is composed of many proteins which are very closely related and expressed in prostate, ovary, testis, and placenta. Some POTE paralogs are related with some cancers. Here we showed that down - regulation of POTEG was detected in about 60% primary esophageal squamous cell carcinoma (ESCC) tumor tissues. Clinical association studies determined that POTEG down - regulation was significantly correlated with tumor differentiation, lymph nodes metastasis and TNM staging. Kaplan - Meier analysis determined that POTEG down - regulation was associated with poorer clinical outcomes of ESCC patients (P = 0.026). Functional studies showed that POTEG overexpression could suppress tumor cell growth and metastasis capacity in vitro and in vivo. Molecular analyses revealed that POTEG downregulated CDKs, leading to subsequent inhibition of Rb phosphorylation, and consequently arrested Cell Cycle at G1/S Checkpoint.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.4.

Molecular Weight:

~ 58,54 kDa

Swiss-Prot:

Q6S5H5; Q6S545; A6NI47

Purification&Purity:

The protein was purified from E.coli and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1:500~1:1000 IHC:1:50~1:200

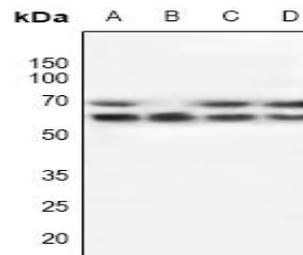
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -25 °C long term. Avoid freeze-thaw cycles.

Specificity:

POTEG polyclonal antibody detects endogenous levels of POTEG protein.

DATA:



Western blot (WB) analysis of POTEG polyclonal antibody at 1:500 dilution

LaneA:A549 whole cell lysate

LaneB:The testis tissue lysate of Mouse

LaneC:The testis tissue lysate of Rat

LaneD:The brain tissue lysate of Mouse

Note:

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

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