

LZK (F183) polyclonal antibody

Catalog: BS1874

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Mixed lineage kinases (MLKs) are a family of protein kinases sharing two leucine zipper-like motifs which mediate protein dimerization, and a kinase domain with a similar primary structure to both the tyrosine-specific and the serine/threonine-specific kinase classes. Members of the MLK family include MLK1, MLK2, MLK3, MLK4, MELK, LZK and DLK. MLKs are expressed in neuronal cells where they are likely to interact between Rac1/Cdc42, MKK4 and MKK7 in death signaling. Leucine zipper-bearing kinase (LZK) also activates the c-Jun-NH2 terminal kinase/stress-activated protein kinase (JNK/SAPK) pathway through MKK7. Through its dual leucine zipper-like motif, LZK forms dimers/oligomers which are important for activation of the JNK/SAPK pathway. LZK is predominantly expressed in the pancreas, while moderate expression is observed in adult brain, liver and placenta tissues.

Product:

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

Molecular Weight:

~108 kDa

Swiss-Prot:

O43283

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

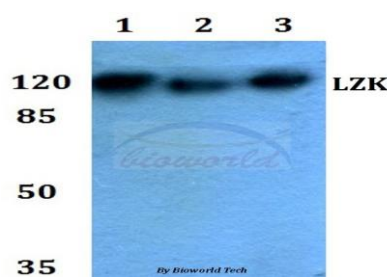
Storage&Stability:

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

Specificity:

LZK (F183) polyclonal antibody detects endogenous levels of LZK protein.

DATA:

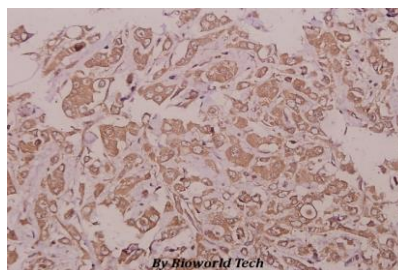


Western blot (WB) analysis of LZK (F183) polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:H9C2 whole cell lysate



Immunohistochemistry (IHC) analyzes of LZK (F183) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.

Note:

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

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