

Nek9 (phospho-T210) polyclonal antibody

Catalog: AP0348

Host: Rabbit

Reactivity: Human, Mouse, (Rat)

Background:

Nek9 [NIMA (never in mitosis gene a)- related kinase 9], also known as serine/threonine-protein kinase Nek9, NERCC, NERCC1, MGC16714, MGC138306 or DKFZp434D0935, is a 979 amino acid protein that localizes to cytoplasm and nucleus. Highly expressed in liver, heart, kidney and testis, Nek9 is also expressed at lower levels in fibroblasts and smooth muscle cells. Nek9 regulates G1/S transition and S phase progression by influencing spindle dynamics and chromosome separation. Nek9 phosphorylates different histones (Histone H3 on serine and threonine), myelin basic protein, beta-casein (serine) and BICD2. Nek9 interacts with Ran GTPase, Nek6, Nek7, BICD2, SSRP1 and SUPT16H/FACT complex.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 107, 120 kDa

Swiss-Prot:

Q8TD19

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 103% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

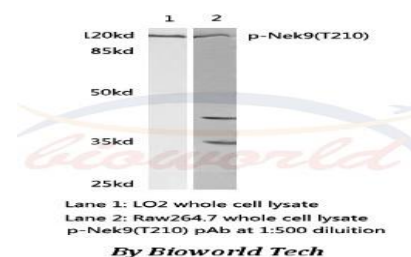
Storage&Stability:

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

Specificity:

p-Nek9(T210) polyclonal antibody detects endogenous levels of Nek9 protein only when phosphorylated at Thr210.

DATA:



Western blot (WB) analysis of p-Nek9 (T210) polyclonal antibody in extracts from LO2 and Raw264.7 cells.

Note:

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

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