

Caspase-9 (phospho-T125) polyclonal antibody

Catalog: BS4221

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Caspase 9 (also known as ICE like apoptotic protease 6 (ICE LAP6), apoptotic protease Mch6, and apoptotic protease activating factor 3 (Apaf3)) is a member of the peptidase family C14 that contains a CARD domain. This caspase is active as a heterotetramer and has been reported to have two isoforms. ProCaspase 9 has been reported to be approximately 47 kD. This caspase is present in the cytosol and, upon activation, translocates to the mitochondria. Caspase 9 is involved in the caspase activation cascade responsible for apoptosis execution and cleaves/activates Caspase 3 and Caspase 6.

Product:

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

Molecular Weight:

~ 35,48 kDa

Swiss-Prot:

P55211

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

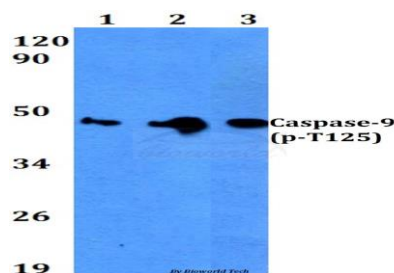
Storage&Stability:

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

Specificity:

p-Caspase-9 (T125) polyclonal antibody detects endogenous levels of Caspase-9 protein only when phosphorylated at Thr125.

DATA:

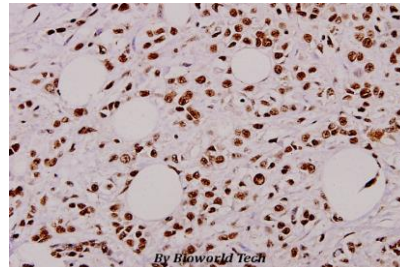


Western blot (WB) analysis of p-Caspase-9 (T125) polyclonal antibody at 1:500 dilution

Lane1: HEK293T cell lysate treated with TNF α (20ng/ml, 15mins)

Lane2: Raw264.7 cell lysate treated with TNF α (20ng/ml, 15mins)

Lane3: PC12 cell lysate treated with TNF α (20ng/ml, 15mins)



Immunohistochemistry (IHC) analyzes of p-Caspase-9 (T125) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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