

Caspase 9 (Tyr153) polyclonal antibody

Catalog: AP0186

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:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 35, 37, 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

IF: 1:50~1:200

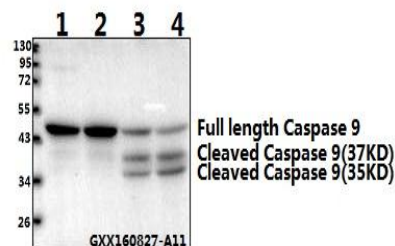
Storage&Stability:

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

Specificity:

Caspase 9 (Tyr153) polyclonal antibody detects endogenous levels of full length caspase-9 (48 kDa) and large fragments of caspase-9 (35 kDa and 37kDa).

DATA:



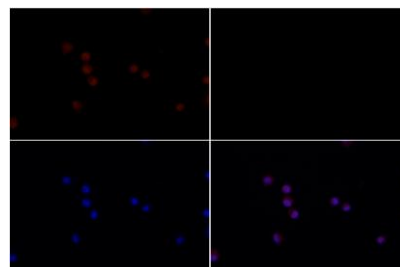
Western blot (WB) analysis of Caspase 9 (Tyr153) polyclonal antibody at 1:500 dilution

Lane1:LO2 whole cell lysate(40ug)

Lane2:LO2 treated with PBS(1×PBS,PH7.4) for 30 minutes whole cell lysate(40ug)

Lane3:LO2 treated with PBS(1×PBS,PH7.4) for 120 minutes whole cell lysate(40ug)

Lane4:LO2 treated with PBS(1×PBS,PH7.4) for 240 minutes whole cell lysate(40ug)



Immunofluorescence analysis of Jurkat cells using Caspase 9 (Tyr153) pAb at dilution of 1:50 (40x lens).

Note:

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

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