

Activated-Caspase-7 p20 (D198) polyclonal antibody

Catalog: BCP00146

Host: Rabbit

Reactivity: Human

BackGround:

A unique family of Cysteine proteases has been described that differs in sequence, structure and substrate specificity from any previously described protease family. This family, Ced-3/caspase-1, is comprised of caspase-1, caspase-2, caspase-3, caspase-4, caspase-6, caspase-7 (also designated Mch3, ICE-LAP3 or CMH-1), caspase-9 and caspase-10. Ced-3/caspase-1 family members function as key components of the apoptotic machinery and act to destroy specific target proteins which are critical to cellular longevity. Poly(ADP-ribose) polymerase plays an integral role in surveying for DNA mutations and double strand breaks.

Product:

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

Molecular Weight:

~ 20 kDa

Swiss-Prot:

P55210

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

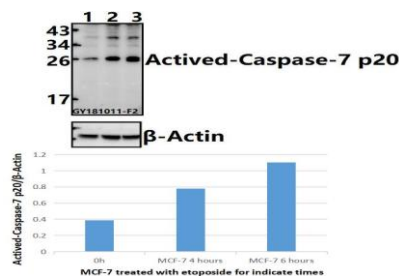
Storage&Stability:

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

Specificity:

Activated-Caspase-7 p20 polyclonal antibody detects endogenous levels of Activated-Caspase-7 p20 protein.

DATA:

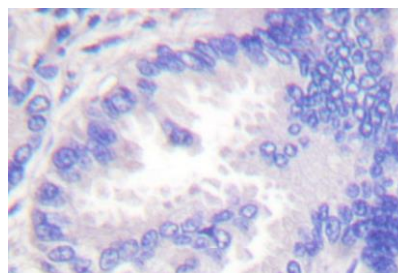


Western blot (WB) analysis of Activated-Caspase-7 p20 polyclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate(40ug)

Lane2:MCF-7 treated with etoposide for 4 hours whole cell lysate(40ug)

Lane3:MCF-7 treated with etoposide for 6 hours whole cell lysate(40ug)



Note:

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