



Caspase 7 (M45) polyclonal antibody

Catalog : AB3532

Size : 25ug / 50ug / 100ug / 200ug ; 1ug/uL

Host : Rabbit

Reactivity: Human, Mouse, Rat

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:

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

Molecular Weight:

~ 20 kDa

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).

Swiss Prot:

P55210

Applications:

WB:1:500~1:1000

IHC: 1:50~1:200

Storage&Stability:

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

Specificity:

Caspase-7 (M45) pAb detects endogenous levels of Caspase-7 p20 protein.

Note:

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