



## Caspase 7 polyclonal antibody

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**Catalog** : AB6544

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

**Host** : Rabbit

**Reactivity**: Human, Mouse

### 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:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

### Molecular Weight:

~ 34 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:1:500~1:2000

IHC/ICC: 1:50~1:200

IP: 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 pAb detects endogenous levels of Caspase 7 protein.

### Note:

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