

# Caspase-10 Antibody

**CATALOG NO:** 6677-30T 30 µg (Trial size)  
6677-100 100 µg

**ALTERNATE NAMES:** FAS-associated death domain protein interleukin-1B-converting enzyme 2, FLICE2, ICE like Apoptotic Protease 4

**CONCENTRATION:** 0.5 mg/ml

**HOST/ISOTYPE:** Rabbit IgG

**IMMUNOGEN:** Human recombinant Caspase-10/a (Cat # 1090A)

**INTERNAL ID:** BV-N73

**PURIFICATION:** Caspase-10 antibody has been affinity purified from rabbit IgG

**FORM:** Liquid

**FORMULATION:** 0.5 mg/ml of Caspase-10 antibody in PBS pH 7.2, 0.01 % BSA, 0.01 % thimerosal and 50 % glycerol

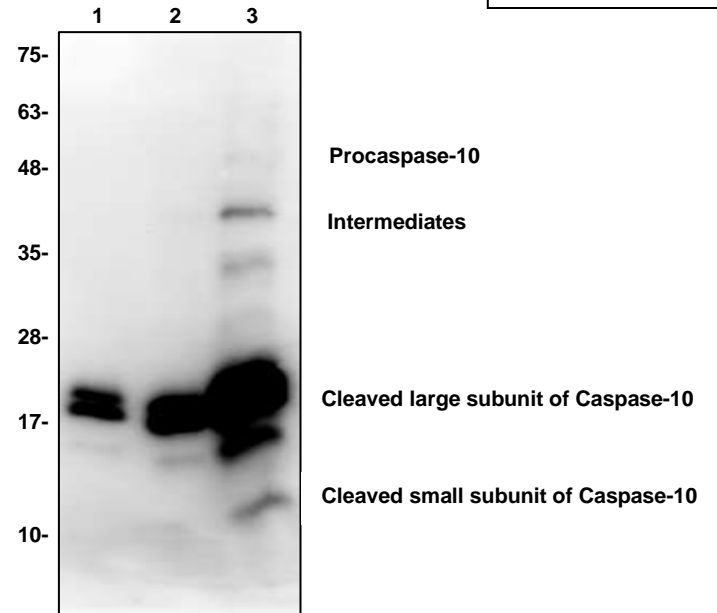
**SPECIES REACTIVITY:** Human

**STORAGE CONDITIONS:** Store at -20°C. Avoid repeated freeze/thaw cycles.

**DESCRIPTION:** Caspase family of cysteine proteases plays a key role in apoptosis. Caspase-10 is expressed in many tissues and cell lines. Similar to other caspases, caspase-10 is also synthesized as an inactive pro-enzyme that is processed in cells undergoing apoptosis. Four isoforms of caspase-10 have been identified: caspase-10a (Mch4), caspase-10b (FLICE2), caspase-10c and caspase-10d. They have the same prodomain but different mature large and small subdomains. Activated caspase-10 activates caspase-3,-4,-6,-7,-8, and -9, which are then involved in proteolytic cleavage of many cellular proteins. Caspase-10 has been shown to be involved in the Fas and TNFR1 - induced apoptosis.

**APPLICATION:** Western blot: 1-4 µg

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



**Western blot analysis of human recombinant Caspase 10/a (Cat No. 1090A) with Caspase-10 antibody:**  
Lane 1: 2 ng  
Lane 2: 10 ng  
Lane 3: 50 ng

**RELATED PRODUCTS:**

- Caspase-10/a, human recombinant (Cat. No. 1090A-25, -100)
- Caspase-10/b, human recombinant (Cat. No. 1090B-25, -100)
- Caspase-10 Antibody (Cat. No. 3410-100)
- Caspase-1 Antibody (Cat. No. 3019-100)
- Caspase-2 Antibody (Cat. No. 3027-100)
- Caspase-3 Antibody (Cat. No. 3138-100)
- Caspase-4 Antibody (Cat. No. 3028-100)
- Caspase-5 Antibody (Cat. No. 3029-100)
- Caspase-6 Antibody (Cat. No. 3256-100)
- Caspase-7 Antibody (Cat. No. 3135-100)
- Caspase-8 Antibody (Cat. No. 3051-100)
- Caspase-9 Antibody (Cat. No. 3136-100)
- Caspase-11 Antibody (Cat. No. 3021-100)

**FOR RESEARCH USE ONLY! Not to be used on humans.**