# Cleaved-Caspase-8 p18 (S217) rabbit pAb

## Cat#: orb771245 (Manual)

For research use only. Not intended for diagnostic use.

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| **Product Name** | Cleaved-Caspase-8 p18 (S217) rabbit pAb |
| **Host species** | Rabbit |
| **Applications** | WB;ELISA |
| **Species Cross-Reactivity** | Human;Rat;Mouse; |
| **Recommended dilutions** | Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. |
| **Immunogen** | Synthesized peptide derived from Cleaved-Caspase-8 p18 (S217) . at AA range: 170-250 |
| **Specificity** | Cleaved-Caspase-8 p18 (S217) Polyclonal Antibody detects endogenous levels of Cleaved-Caspase-8 p18 (S217) protein. |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.. |
| **Storage** | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| **Protein Name** | Caspase8 |
| **Gene Name** | CASP8 |
| **Cellular localization** | Cytoplasm . Nucleus . |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Clonality** | Polyclonal |

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| **Concentration** | 1 mg/ml |
| **Observed band** | 18 54kD |
| **Human Gene ID** | 841 |
| **Human Swiss-Prot Number** | Q14790 |
| **Alternative Names** | CASP8; MCH5; Caspase-8; CASP-8; Apoptotic cysteine protease; Apoptotic protease Mch-5; CAP4; FADD-homologous ICE/ced-3-like protease; FADD-like ICE; FLICE; ICE-like apoptotic protease 5; MORT1-associated ced-3 homolog; MACH |
| **Background** | This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes composed of a prodomain, a large protease subunit, and a small protease subunit. Activation of caspases requires proteolytic processing at conserved internal aspartic residues to generate a heterodimeric enzyme consisting of the large and small subunits. This protein is involved in the programmed cell death induced by Fas and various apoptotic stimuli. The N-terminal FADD-like death effector domain of this protein suggests that it may interact with Fas-interacting protein FADD. This protein was detected in the insoluble fraction of the affected brain region from Huntington disease patients but not in those from normal controls, which implicated the role in neurodegenerative diseases. Many alt |

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