

## Anti-CASP8 Polyclonal Antibody

Cat: AC50589

### Summary:

**【Product name】** : Anti-CASP8 antibody

**【Source】** : Rabbit

**【Isotype】** : IgG

**【Species reactivity】** : Human Mouse

**【Swiss Prot】** : Q14790

**【Gene ID】** : 841

**【Calculated】** : MW:55/53/45/57/27/25/32/30/61kDa

**【Observed】** : MW:60/45/18kDa

**【Purification】** : Affinity purification

**【Tested applications】** : WB IF

**【Recommended dilution】** : WB 1:500-2000. IF 1:50-200.

**【WB Positive sample】** : Raji and HL60

**【Subcellular location】** : Cytoplasm

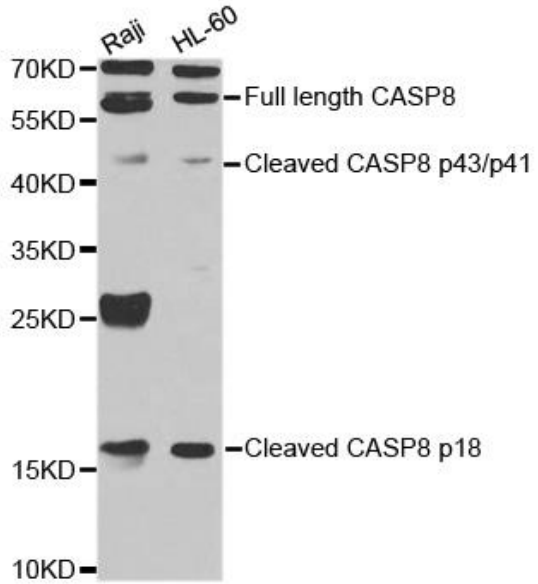
**【Immunogen】** : Recombinant protein of human CASP8

**【Storage】** : Shipped at 4°C. Upon delivery aliquot and store at -20°C

### 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 alternatively spliced transcript variants encoding different isoforms have been described, although not all variants have had their full-length sequences determined.

## Verified picture



Western blot analysis with CASP8 antibody  
diluted at 1:1000