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# Product datasheet for TA308860

## Caspase 8 (CASP8) Rabbit Polyclonal Antibody

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | IF, IHC, WB |
| **Recommended Dilution:** | ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000 |
| **Reactivity:** | Human |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Immunogen:** | Recombinant fragment contain a sequence corresponding to a region within amino acids 1 and 217 of Caspase 8 (Uniprot ID#Q14790) |
| **Formulation:** | 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative. |
| **Concentration:** | lot specific |
| **Purification:** | Purified by antigen-affinity chromatography. |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20°C as received. |
| **Stability:** | Stable for 12 months from date of receipt. |
| **Predicted Protein Size:** | 58 kDa |
| **Gene Name:** | caspase 8 |
| **Database Link:** | NP_203520<br>Entrez Gene 841 Human<br>Q14790 |

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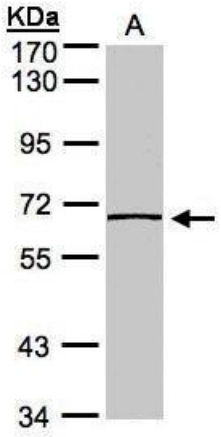
**Background:** This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes composed of a prodomain, a large protease subunit, and a small protease 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. [provided by RefSeq]

**Synonyms:** ALPS2B; CAP4; Casp-8; FLICE; MACH; MCH5

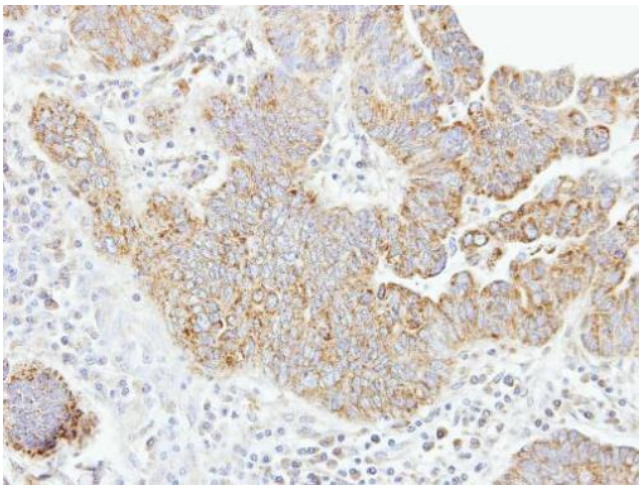
**Protein Families:** Druggable Genome, Protease

**Protein Pathways:** Alzheimer's disease, Apoptosis, Huntington's disease, NOD-like receptor signaling pathway, p53 signaling pathway, Pathways in cancer, RIG-I-like receptor signaling pathway, Toll-like receptor signaling pathway, Viral myocarditis

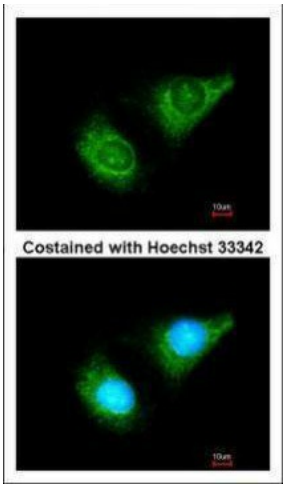
## Product images:




Sample (30 ug whole cell lysate). A:HeLa S3. 7.5% SDS PAGE. TA308860 diluted at 1:500



Immunohistochemical analysis of paraffin-embedded gastric ca, using Caspase 8 (TA308860) antibody at 1:100 dilution.




Immunofluorescence analysis of methanol-fixed HeLa, using Caspase 8 (TA308860) antibody at 1:200 dilution.