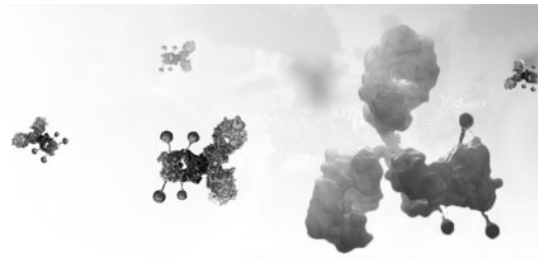

Rabbit Anti-Human Caspase 8 (Cleaved Asp391) monoclonal antibody, clone T.258.9 (CABT-L1217)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Detects human Caspase-8 when cleaved at Asp391
Immunogen	Synthetic peptide corresponding to residues adjacent to Asp391 of human Caspase-8
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	T.258.9
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	FC, ICC, IHC-P, IF, WB
Format	Liquid
Size	100 µl
Buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
Preservative	See individual product datasheet
Storage	Store at –20°C. Do not aliquot the antibody.
Warnings	For Research Use Only. Not for use in diagnostic procedures. Not for resale without express

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authorization.

BACKGROUND

Introduction	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.
Keywords	CASP8;caspase 8, apoptosis-related cysteine peptidase;caspase 8, apoptosis related cysteine protease;caspase-8;Casp 8;FLICE;MACH;MCH5;ALPS2B;Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 12 protein

GENE INFORMATION

Entrez Gene ID	841
UniProt ID	Q14790

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