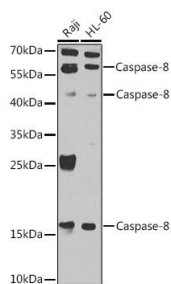


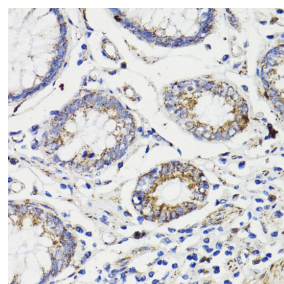
Cat. No:	AB-82858
Size:	100µg
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-479 of human Caspase-8.
Reactivity:	Ms, Rt, Hu
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
Molecular Weight:	17kDa/44kDa/60kDa
Purification:	Aff. Pur.
Synonyms:	ALPS2B;CAP4;Casp-8;FLICE;MACH;MCH5;Caspase 8;CASP8;Caspase-8;caspase-8

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.

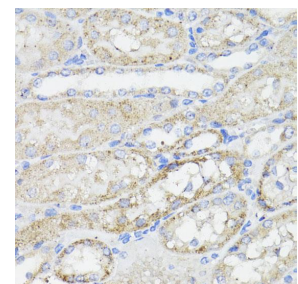
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide and 50% glycerol pH 7.4
Storage:	Store at -20°C, and avoid repeat freeze-thaw cycles.



Western blot analysis of extracts of various cell lines, using Caspase-8 antibody at 1:1000

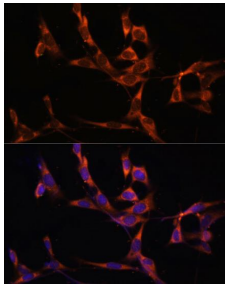


Immunohistochemistry of paraffin embedded human colon carcinoma using Caspase-8 antibody at dilution of 1:200



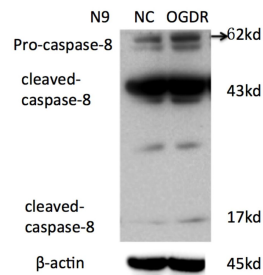
Immunohistochemistry of paraffin embedded mouse kidney using Caspase-8

dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL West Pico Plus.
Exposure time: 30s.



Immunofluorescence analysis of NIH/3T3 cells using Caspase-8 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

(40x lens).



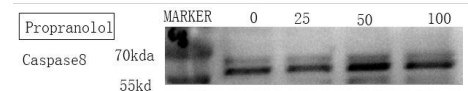
Review for Caspase-8 Rabbit Polyclonal Antibody

Experiment Type Western blot(WB)

Sample N9

Description: Western blot analysis of extracts of N9 cells, using antibody at 1:200 dilution.

antibody at dilution of 1:200 (40x lens).



Review for Caspase-8 Rabbit Polyclonal Antibody

References

References for Caspase-8 Rabbit pAb

Product:Caspase-8 Rabbit pAb

Journal:EMBO Molecular Medicine

Application:WB

IF:9.237

Species:Mus musculus

PMID:29335338

Title:CRTH2 promotes endoplasmic reticulum stress-induced cardiomyocyte apoptosis through m-calpain

References for Caspase-8 Rabbit pAb

Product:Caspase-8 Rabbit pAb

Journal:Frontiers in microbiology

Application:WB

IF:

Species:Bos taurus

PMID:29670605

Title:Antiviral Immunotoxin Against Bovine herpesvirus-1: Targeted Inhibition of Viral Replication and Apoptosis of Infected Cell

References for Caspase-8 Rabbit pAb

Product:Caspase-8 Rabbit pAb

Journal:Oncology reports

Application:WB

IF:3.04

Species:Homo sapiens

PMID:31115582

Title:Cytokeratin 18 regulates the transcription and alternative splicing of apoptotic related genes and pathways in HeLa cells.

References for Caspase-8 Rabbit pAb

Product:Caspase-8 Rabbit pAb

Journal:Molecular Neurodegeneration

Application:WB

IF:8.27

Species:Mus musculus

PMID:32295623

Title:NLRP12 collaborates with NLRP3 and NLRC4 to promote pyroptosis inducing ganglion cell death of acute glaucoma

References for Caspase-8 Rabbit pAb

Product:Caspase-8 Rabbit pAb

Journal:Experimental cell research

Application:WB

IF:3.32

Species:Mus musculus

PMID:31202710

Title:The protective role of the MKP-5-JNK/P38 pathway in glucolipotoxicity-induced islet β -cell dysfunction and apoptosis.

References for Caspase-8 Rabbit pAb

Product:Caspase-8 Rabbit pAb

Journal:Redox Biology

Application:WB

IF:7.79 Species:

Mus musculus

PMID:31926620

Title:Triggering apoptosis by oroxylin A through caspase-8 activation and p62/SQSTM1 proteolysis

References for Caspase-8 Rabbit pAb

Product:Caspase-8 Rabbit pAb

Journal:Investigational new drugs

Application:WB

IF:3.5

Species:Homo sapiens,Mus musculus

PMID:30924024

Title:Emodin induced necroptosis in the glioma cell line U251 via the TNF- α /RIP1/RIP3 pathway.

References for Caspase-8 Rabbit pAb

Product:Caspase-8 Rabbit pAb

Journal:Cell death & disease

Application:WB

IF:5.95

Species:Rattus norvegicus

PMID:31221990

Title:Microglia-derived TNF- α mediates endothelial necroptosis aggravating blood brain-barrier disruption after ischemic stroke.

References for Caspase-8 Rabbit pAb

Product:Caspase-8 Rabbit pAb

Journal:Free radical biology & medicine

Application:WB

IF:5.65

Species:Homo sapiens,Mus musculus

PMID:31560953

Title:L-V9 exerts anti-T cell malignancies effects via promoting lysosome-dependent AKT1 degradation and activating AKT1/FOXO3A/BIM axis.

References for Caspase-8 Rabbit pAb

Product:Caspase-8 Rabbit pAb
Journal:Frontiers in Pharmacology
Application:B
IF:3.845
Species:Mus musculus
PMID:29441017
Title:15, 16-Dihydotanshinone I Inhibits Hemangiomas through Inducing Pro-apoptotic and Anti-angiogenic Mechanisms in Vitro and in Vivo.

References for Caspase-8 Rabbit pAb
Product:Caspase-8 Rabbit pAb
Journal:International Journal of Molecular Sciences
Application:WB
IF:4.183
Species:Homo sapiens
PMID:31569691
Title:Xanthones from the Bark of *Garcinia xanthochymus* and the Mechanism of Induced Apoptosis in Human Hepatocellular Carcinoma HepG2 Cells via the Mitochondrial Pathway

References for Caspase-8 Rabbit pAb
Product:Caspase-8 Rabbit pAb
Journal:Carcinogenesis
Application:WB
IF:4
Species:Homo sapiens
PMID:31306481
Title: Histone Methyltransferase SETDB1 Promotes Colorectal Cancer Proliferation through the STAT1-CCND1/CDK6 Axis.

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