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Datasheet for ABIN6281720
anti-Caspase-8 p18 antibody (Cleaved-Ser217, Internal Region)

Overview

Quantity:	50 µL
Target:	Caspase-8 p18
Binding Specificity:	AA 170-250, Cleaved-Ser217, Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase-8 p18 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Caspase-8 is a protein encoded by the CASP8 gene which is approximately 55,3 kDa. Caspase-8 is localised to the cytoplasm and is involved in the TNFR1 pathway, dimerization of procaspase-8 , activated TLR4 signalling, apoptosis signalling and toll-like receptor signalling pathways. This protein falls under the cysteine-aspartic acid protease family. It plays a role in the programmed cell death induced by Fas and various apoptotic stimuli. Caspase-8 isoform 1, 5 and 7 are expressed in a wide variety of tissues. Mutations in the CASP8 gene may result in a caspase-8 deficiency. STJ97641 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.This polyclonal antibody detects endogenous levels of fragment of activated caspase-8 p18 protein resulting from cleavage adjacent to S217.
Immunogen:	Synthesized peptide derived from human Cleaved-Caspase-8 p18 (S217)
Isotype:	IgG

Product Details

Specificity:	Cleaved-Caspase-8 p18 (S217) Polyclonal Antibody detects endogenous levels of Cleaved-Caspase-8 p18 (S217) protein.
Characteristics:	Rabbit polyclonal to Cleaved-Caspase-8 p18 (S217).
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	Caspase-8 p18
Alternative Name:	Caspase-8 p18 (Caspase-8 p18 Products)
Gene ID:	841
UniProt:	Q14790

Application Details

Application Notes:	WB 1:500-1:2000 ELISA 1:10000
Comment:	Isoform 1, isoform 5 and isoform 7 are expressed in a wide variety of tissues. Highest expression in peripheral blood leukocytes, spleen, thymus and liver. Barely detectable in brain, testis and skeletal muscle.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.