

Rabbit Anti-caspase-8 subunit p18 , Alexa Fluor® 680 conjugated antibody

SL6463R-AF680

Product Name	caspase-8 subunit p18, Bodipy Fluor 680 conjugated
Chinese Name	AF680 标记的半胱氨酸蛋白酶 8 抗体
Alias	Caspase-8 subunit p18; ALPS2B; Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 12 protein; Apoptosis related cysteine peptidase; Apoptotic cysteine protease; Apoptotic protease Mch 5; Apoptotic protease Mch-5; Apoptotic protease Mch5; CAP 4; CAP4; CASP 8; CASP-8; CASP8; CASP8_HUMAN; Caspase 8; Caspase 8 apoptosis related cysteine peptidase; Caspase-8 subunit p18; Caspase8; CED 3; FADD homologous ICE/CED 3 like protease; FADD Homologous ICE/CED3 Like Protease; FADD Like ICE; FADD-homologous ICE/CED-3-like protease; FADD-like ICE; FLICE; FLJ17672; ICE like apoptotic protease 5; ICE-like apoptotic protease 5; MACH alpha 1/2/3 protein; MACH; MACH beta 1/2/3/4 protein; MCH 5; MCH5; MGC78473; MORT1 associated CED 3 homolog; MORT1 associated CED3 homolog; MORT1-associated CED-3 homolog; OTTHUMP00000163717; OTTHUMP00000163720; OTTHUMP00000163724; OTTHUMP00000163725; OTTHUMP00000165062; OTTHUMP00000165063; OTTHUMP00000165064; OTTHUMP00000206552; OTTHUMP00000206582
Research Area	Cell biology immunology Neurobiology Apoptosis
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human,Rat(predicted:Mouse,Dog,Pig,Cow,Horse)
Applications	Flow-Cyt=1µg /Test,IF=1:50-200 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	18/55kDa
Cellular localization	cytoplasmic
Form	Liquid



Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human caspase-8 subunit p18: 188-280/479
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed Initiator caspases, which include caspase-8, activate effector caspases by cleaving inactive forms of effector caspases. In the activation cascade responsible for apoptosis induced by TNFRSF1A and mediated by TNFRSF6/FAS, caspase-8 is the most upstream protease. Caspase-8 binds to adaptor molecule FADD, forming an aggregate referred to as death-inducing signaling complex (DISC), which activates caspase-8. The activated protein is released from the complex and further activates downstream apoptotic proteases. Caspase-8, which is a heterodimer consisting of two subunits (p18 and p10), is widely expressed, but is detected at highest levels in peripheral blood leukocytes (PBLs), thymus, liver and spleen. Defects in CASP8, the gene encoding for caspase-8, may cause CASP8D (caspase-8 deficiency disorder), which is characterized by splenomegaly and CD95-induced apoptosis of PBLs, and may lead to immunodeficiency due to defects in T lymphocyte, NK cell and B lymphocyte activation.
Product Detail	SWISS: Q14790 Gene ID: 841 Database links: Entrez Gene: 841 Human Entrez Gene: 12370 Mouse Entrez Gene: 54474 Rat



[Entrez Gene: 64044](#) Rat

[Omim: 601763](#) Human

[SwissProt: Q14790](#) Human

[SwissProt: O89110](#) Mouse

[SwissProt: Q9JHX4](#) Rat

[Unigene: 599762](#) Human

[Unigene: 655983](#) Human

[Unigene: 336851](#) Mouse