

For Research Use Only

Cleaved Caspase 7 Recombinant monoclonal antibody, PBS Only

Catalog Number: 85328-1-PBS



Basic Information

Catalog Number:	85328-1-PBS	GenBank Accession Number:	BC015799	Purification Method:
Source:	Rabbit	GeneID (NCBI):	840	CloneNo.:
Isotype:	IgG	UNIPROT ID:	P55210	242407C12
		Full Name:	caspase 7, apoptosis-related cysteine peptidase	
		Calculated MW:	303 aa, 34 kDa	
		Observed MW:	20-32 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

Caspase 7(CASP7), like caspases 3 and 6, contains a short prodomain and, upon apoptotic induction, the 35 kDa proform is converted into a 32 kDa intermediate or preactive form which is further processed into two active subunits consisting of the p20 or large (18 kDa) subunit and the p10 or small (11 kDa) subunit and it is present in the brain, which is up-regulated and activated after traumatic injury (PMID:15953353). Caspase-7 is classified as a member of the subgroup of cysteine proteases most related to the *Caenorhabditis elegans* factor CED-3, which also includes caspase-3, -6, and -9 (PMID:9426061). The protein is involved in the activation cascade of caspases responsible for apoptosis execution. This antibody recognize the cleaved caspase 7.

Storage

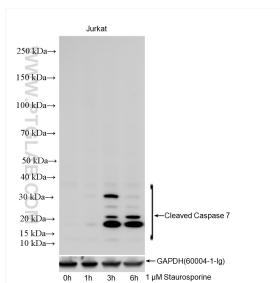
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com

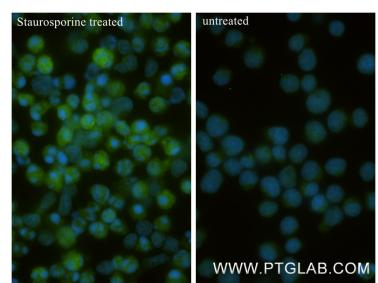
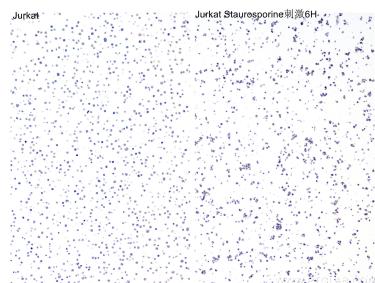
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85328-1-RR (Cleaved Caspase 7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85328-1-PBS in a different storage buffer formulation.



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