SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-Caspase-6 subunit p11 antibody

Catalog Number: SL23596R

FOR RESEARCH USE ONLY

[DATASHEET]

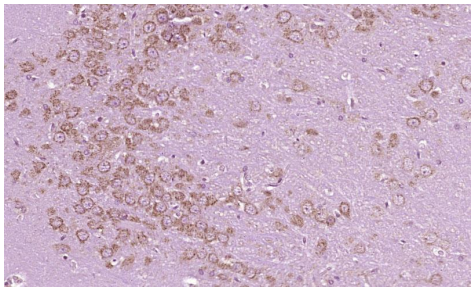
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Caspase-6 subunit p11
Immunogen:	KLH conjugated synthetic peptide derived from human Caspase-6 subunit p11: 161-260/293
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse,Rat(predicted:Human,Cow)
Predicted MW.:	11/33kDa
Subcellular Location:	cytoplasmic
Background:	Caspase-6 Involved in the activation cascade of caspases responsible for apoptosis execution. Cleaves poly(ADP-ribose) polymerase in vitro, as well as lamins. Overexpression promotes programmed cell death. Subunit is compose of heterodimer of a18 kDa (p18) and a 11 kDa (p11) subunit. Subcellular location at cytoplasmic. Cleavages by CPP32, caspase-8 or -10 generate the two active subunits. It belongs to the peptidase C14 family. **Function:** Involved in the activation cascade of caspases responsible for apoptosis execution. Cleaves poly(ADP-ribose) polymerase in vitro, as well as lamins. Overexpression promotes programmed cell death. **Subunit:** Heterotetramer that consists of two anti-parallel arranged heterodimers, each one formed by a 18 kDa (p18) and a 11 kDa (p11) subunit. Interacts with BIRC6/bruce.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

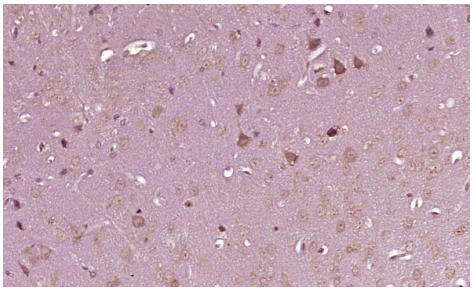
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	Subcellular Location: Cytoplasm. **Post-translational modifications:** Cleavages by caspase-3, caspase-8 or -10 generate the two active subunits. **Similarity:** Belongs to the peptidase C14A family. **Database links:** **Entrez Gene:** 839 Human **Entrez Gene:** 12368 Mouse **Entrez Gene:** 83584 Rat Omim: 601532 Human **SwissProt:** P55212 Human **SwissProt:** O08738 Mouse **SwissProt:** O35397 Rat **Unigene:** 654616 Human **Unigene:** 281379 Mouse **Unigene:** 88160 Rat

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Caspase-6 subunit p11) Polyclonal Antibody, Unconjugated (SL23596R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Caspase-6 subunit p11) Polyclonal Antibody, Unconjugated (SL23596R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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