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11-1016: Polyclonal Antibody to Caspase-12

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	CASP12
Gene ID :	100506742
Uniprot ID :	Q6UXS9
Format :	Purified
Alternative Name :	CASP12,UNQ9415/PRO34398
Isotype :	Rabbit IgG
Immunogen Information :	A partial length recombinant Caspase-12 protein (amino acids 100-321) was used as the immunogen for this antibody.

Description

Caspase 12 belongs to a family of enzymes called caspases that is highly related to members of the ICE subfamily. Other caspases cleave their substrates at C-terminal aspartic acid residue but caspase 12 does not have protease properties rather it processes inflammatory cytokines. It is involved in the activation cascade of caspases responsible for apoptosis execution. Diseases associated with CASP12 include sepsis and prion disease. Caspase 12 is mainly expressed in skeletal muscle and lung.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 4-6 µg/ml

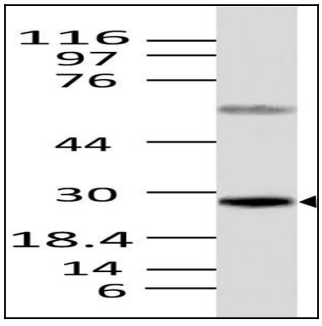

Fig-1: Western blot analysis of Caspase 12. Anti-Caspase 12 antibody (11-1016) was used at 4 µg/ml on Kidney lysate.

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