

Datasheet for ABIN5027075

anti-Caspase 12 antibody (AA 100-321)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Caspase 12 (CASP12)
Binding Specificity:	AA 100-321
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 12 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A partial length recombinant Caspase-12 protein (amino acids 100-321) was used as the immunogen for this antibody.
Isotype:	IgG
Purification:	Protein A Chromatography

Target Details

Target:	Caspase 12 (CASP12)
Alternative Name:	Caspase-12 (CASP12 Products)
Background:	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.

Target Details

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.

Molecular Weight: 27 kDa

Gene ID: 101000000

UniProt: [Q6UXS9](#)

Pathways: [Apoptosis](#), [ER-Nucleus Signaling](#), [Positive Regulation of Endopeptidase Activity](#), [Unfolded Protein Response](#)

Application Details

Application Notes: WB: 4-6 µg/mL

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: PBS containing 0.05 % BSA, PH 7.4

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: 4 °C/-20 °C

Storage Comment: Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

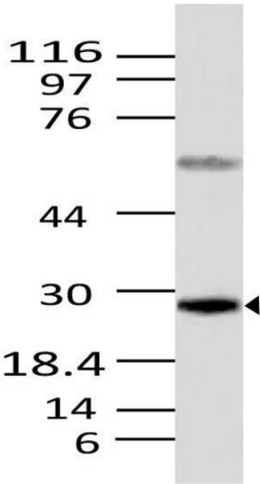


Image 1.