

Caspase-12 Polyclonal Antibody

Catalog: BS65665

Host: Rabbit

Reactivity: Mouse,Rat,

BackGround:

Caspases are cysteine proteases that cleave C-terminal aspartic acid residues on their substrate molecules. This gene is most highly related to members of the ICE sub-family of caspases that process inflammatory cytokines. In rodents, the homolog of this gene mediates apoptosis in response to endoplasmic reticulum stress. However, in humans this gene contains a polymorphism for the presence or absence of a premature stop codon. The majority of human individuals have the premature stop codon and produce a truncated non-functional protein. The read-through codon occurs primarily in individuals of African descent and carriers have endotoxin hypo-responsiveness and an increased susceptibility to severe sepsis. Several alternatively spliced transcript variants have been noted for this gene. [provided by RefSeq, Feb 2011].

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

46 kD

Swiss-Prot:

O08736

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000

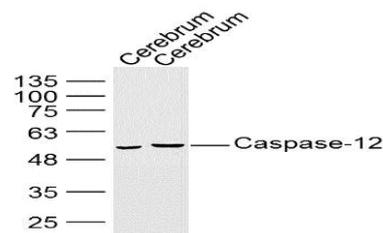
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Caspase-12 Polyclonal Antibody detects endogenous levels of Caspase-12 protein.

DATA:

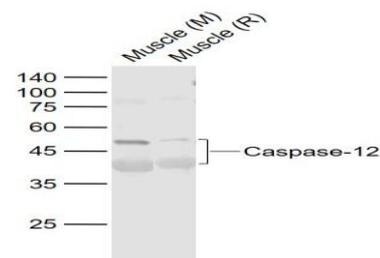


Sample:

Cerebrum (Mouse) Lysate at 40 ug

Cerebrum (Rat) Lysate at 40 ug

Primary: Anti-alpha smooth muscle Actin at 1/300 dilution



Sample:

Lane 1: Muscle (Mouse) Tissue Lysate at 40 ug

Lane 2: Muscle (Rat) Tissue Lysate at 40 ug

Primary: Anti-Caspase-12 at 1/1000 dilution

Note:

For research use only, not for use in diagnostic procedure.

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