

Cleaved-Caspase-2 p18 (T325) rabbit pAb

Cat No.: ES7684

For research use only

Overview

Product Name Cleaved-Caspase-2 p18 (T325) rabbit pAb

Host species Rabbit
Applications WB;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not

yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human Caspase 2 p18 C-ternal.

AA range:276-325

Specificity Cleaved-Caspase-2 p18 (T325) Polyclonal Antibody

detects endogenous levels of fragment of activated Caspase-2 p18 protein resulting from cleavage

adjacent to T325.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Caspase2
Gene Name CASP2

Cellular localization nucleus, cytoplasm, mitochondrion, cytosol, membrane,

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 22kD
Human Gene ID 835
Human Swiss-Prot Number P42575

Alternative Names CASP2; ICH1; NEDD2; Caspase-2; CASP-2; Neural

precursor cell expressed developmentally

down-regulated protein 2; NEDD-2; Protease ICH-1

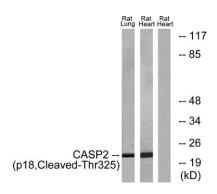
Background This gene encodes a member of the cysteine-aspartic

acid protease (caspase) family. Caspases mediate cellular apoptosis through the proteolytic cleavage of





specific protein substrates. The encoded protein may function in stress-induced cell death pathways, cell cycle maintenance, and the suppression of tumorigenesis. Increased expression of this gene may play a role in neurodegenerative disorders including Alzheimer's disease, Huntington's disease and temporal lobe epilepsy. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011],



Western blot analysis of lysates from rat heart and rat lung, using Caspase 2 (p18,Cleaved-Thr325) Antibody. The lane on the right is blocked with the synthesized peptide.

