

制备和贮存

稳定性和存储

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

常规信息

功能

Multifunctional protein working as a cell cycle progression factor as well as a cell survival factor. Required for the progression from the G1 to the S phase. Anti-apoptotic protein which functions as a caspase-3 inhibitor. Has no phosphatase 2A (PP2A) inhibitor activity (By similarity). Exhibits histone chaperone properties, stimulating core histones to assemble into a nucleosome.

组织特异性

Expressed in heart, lung, pancreas, prostate and in spleen, thymus and placenta.

序列相似性

Belongs to the ANP32 family.

Contains 4 LRR (leucine-rich) repeats.

Contains 1 LRRCT domain.

结构域

Histone binding is mediated by the concave surface of the LRR region.

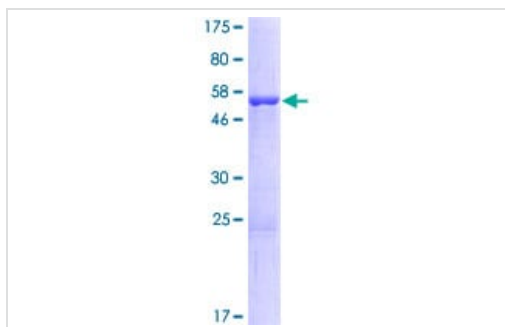
翻译后修饰

Some glutamate residues are glycosylated by TTLL8. This modification occurs exclusively on glutamate residues and results in a glycine chain on the gamma-carboxyl group.

细胞定位

Nucleus. Accumulates in the nuclei at the S phase and Cytoplasm. Lacks a nuclear localization signal.

图片



12.5% SDS-PAGE analysis of ab133003 stained with Coomassie Blue.

SDS-PAGE - Recombinant Human PHAP12 / APRIL protein (ab133003)

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