Cleaved-Caspase 3 p17 polyclonal antibody

Catalog: BS80393 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 6, 7 and 9, and the protein itself is processed by caspases 8, 9 and 10. It is the predominant caspase involved in the cleavage of amyloid-beta 4A precursor protein, which is associated with neuronal death in Alzheimer's disease. Alternative splicing of this gene results in two transcript variants that encode the same protein.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 35, 17 kDa

Swiss-Prot:

P42574

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB,1:500 - 1:1000|IHC,1:100 - 1:200|IF/ICC,1:100 - 1:500

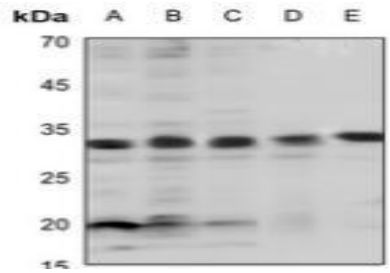
Storage&Stability:

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

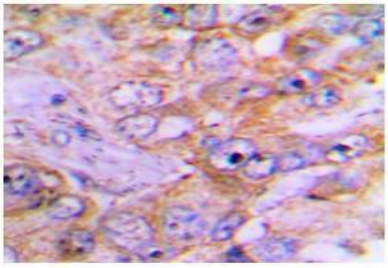
Specificity:

Cleaved-Caspase 3 p17 polyclonal antibody detects endogenous levels of Cleaved-Caspase 3 p17 protein.

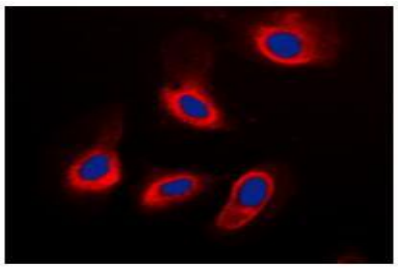
DATA:



Western blot analysis of Cleaved-Caspase 3 p17 expression in Hela (A), SGC7901 (B), EC9706 (C), mouse liver (D), mouse spleen (E), rat liver (F) whole cell lysates.



Immunohistochemical analysis of Cleaved-Caspase 3 p17staining in human lung cancer formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of Cleaved-Caspase 3 p17 staining in HeLa cells.

Note:

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

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