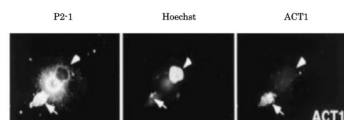


Product no **AS21 4570****APP-C31 | Caspase 3 cleaved APP, C terminal fragment****Product information**

<b>Immunogen</b>	Synthetic peptide corresponding to the N-terminal of human caspase 3-generated APP C-terminal 31 amino acids (aa 665-670) UniProt: <a href="#">P05067</a>
<b>Host</b>	Rabbit
<b>Purity</b>	Serum. Contains 0.05 % sodium azide.
<b>Format</b>	Liquid
<b>Quantity</b>	100 µl
<b>Reconstitution</b>	For reconstitution add µl, of sterile water
<b>Storage</b>	Store at -20°C; make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

**Application information****Recommended dilution** | 1::500 - 1: 1000 (IL), 1:1000-1:3000 (WB)**Expected | apparent MW** | 86,9 | 100 kDa**Confirmed reactivity** | Human, Mouse, Rat**Predicted reactivity** | Species of your interest not listed? [Contact us](#)**Selected references** | [Nishimura](#) et al. (2002) Cell death induced by a caspase-cleaved transmembrane fragment of the Alzheimer amyloid precursor protein. Cell Death Differ. 2002 Feb;9(2):199-208. doi: 10.1038/sj.cdd.4400931. PMID: 11840170.**Sample: NT2 neurons**

Fixation: 72 h after infection with adenovirus vector expressing Amyloid Precursor Protein Anti-APP-C31 antibody was used in dilution 1: 1000. Left image: stained for the N-terminus of APP with P2-1, mouse monoclonal antibody specific for N-terminus of APP.

Center image: stained for chromosomal DNA (Hoechst). Right image: stained for C-terminus of the caspase 3 cleaved APP with anti-APP-C31 antibody (ACT1).

Most of APP-accumulating neurons with shrunken and fragmented nuclei contain ACT1-immunoreactivity (arrows), but non-neuronal cells are hardly labeled with ACT1 (arrowheads).

The tissue was fixed with 4 % formaldehyde and permeabilized with acetone at -20°C, followed by blocking with 4 % non-fat milk and 5 % goat normal serum at 4°C/ON. Primart antibody was incubated at 1: 1000 1h/RT.