

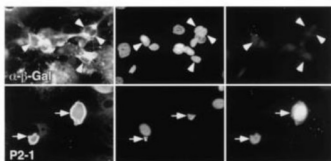
Product no **AS21 4569****ACP3 | Activated Caspase 3 (p20/p17 subunit)****Product information**

<b>Immunogen</b>	KLH-conjugated synthetic peptide corresponding to the human caspase 3 cleavage site, 6 aa (CGIETD) UniProt: <a href="#">P42574</a>
<b>Host</b>	Rabbit
<b>Purity</b>	Serum. Contains 0.05 % sodium azide.
<b>Format</b>	Liquid
<b>Quantity</b>	100 µl
<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.

**Additional information** | ACP3 | Activated Caspase 3 (p20/p17 subunit)**Application information****Recommended dilution** | 1: 500 - 1: 1000 (IL), 1:3000-1:1000 (WB)**Expected | apparent MW** | 31,6 | 17 and 19 kDa**Confirmed reactivity** | Human, Mouse and Rat**Predicted reactivity** | Species of your interest not listed? [Contact us](#)**Additional information** | The antibody does not react with the proenzyme p32

**Selected references** | [Nishimura](#) et al (2003). Upregulation and antiapoptotic role of endogenous Alzheimer amyloid precursor protein in dorsal root ganglion neurons. *Exp Cell Res.* 2003 Jun 10;286(2):241-51. doi: 10.1016/s0014-4827(03)00066-1. PMID: 12749853.

[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.



Caspase 3 activation in neurons accumulating wild-type APP (ref.3). NT2 neurons (neurally differentiated human NT2 embryonic carcinoma cells) were infected with adenovirus vector expressing  $\beta$ -galactosidase (upper panel) or APP (lower panel), fixed 48 h later, and triply stained for the N-terminus of APP (with antibody P2-1) or  $\beta$ -gal (with antibody against  $\beta$ -gal), chromosomal DNA (Hoechst), and activated caspase 3 subunits (with antibody ACP3). Some neurons accumulating APP are strongly immunostained with ACP3 (arrows), whereas neurons accumulating  $\beta$ -gal are hardly labeled (arrowheads).  $\beta$ -gal APP Hoechst ACP3  $\beta$ -gal or APP. Secondary antibody was goat anti-rabbit IgG, FITC conjugated.