Agrisera
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This product is **for research use only** (not for diagnostic or therapeutic use)   **contact: support@agrisera.com**

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Product no AS21 4569

Anti-ACP3 | Activated Caspase 3 (p20/p17 subunit)

Product information

Immunogen	KLH-conjugated synthetic peptide corresponding to the human caspase 3 cleavage site, 6 aa (CGIETD) UniProt: P42574
Host	Rabbit
Purity	Serum. Contains 0.05% sodium azide.
Format	Liquid
Quantity	100 µl
Storage	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.
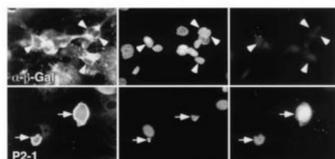
Caspase 3 activation in neurons accumulating wild-type APP (ref.3). NT2 neurons (neurally differentiated human NT2 embryonic carcinoma cells) were infected with adenovirus vector expressing -galactosidase (upper panel) or APP (lower panel), fixed 48 h later, and triply stained for the N-terminus of APP (with antibody P2-1) or -gal (with antibody against -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 -gal are hardly labeled (arrowheads). -gal APP Hoechst ACP3 -gal or APP. Sercondary antibody was goat anti-rabbit IgG, FITC conjugated.