

Inhibitor of apoptosis

Inhibitor of [apoptosis](#) are a group of proteins that mainly act on the intrinsic pathway that block [programmed cell death](#), which can oftentimes lead to cancer or other effects for the cell if mutated or improperly regulated. Many of these inhibitors act to block caspases, a family of cysteine proteases that play an integral role in apoptosis. Some of these inhibitors include the Bcl-2 family, viral inhibitor crmA, and IAP's.

IAP inhibitors are more effective for [CD133+](#) stem-like [medulloblastoma](#) cells ¹⁾.

¹⁾

Chen SM, Li YY, Tu CH, Salazar N, Tseng YY, Huang SF, Hsieh LL, Lui TN. Blockade of Inhibitors of Apoptosis Proteins in Combination with Conventional Chemotherapy Leads to Synergistic Antitumor Activity in Medulloblastoma and Cancer Stem-Like Cells. PLoS One. 2016 Aug 18;11(8):e0161299. doi: 10.1371/journal.pone.0161299. eCollection 2016. PubMed PMID: 27537345.

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