

Product datasheet for **AP08993PU-N**

BIRC5 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 10 µg/ml.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A synthetic peptide derived from the C-terminus of Human Survivin
Specificity:	This antibody reacts to Baculoviral IAP Repeat-containing 5 (survivin) (BIRC5) at C-term.
Formulation:	10 mM PBS, pH 7.4, BSA, sodium azide State: Aff - Purified State: Liquid purified IgG fraction
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	baculoviral IAP repeat containing 5
Database Link:	Entrez Gene 332 Human O15392



[View online »](#)

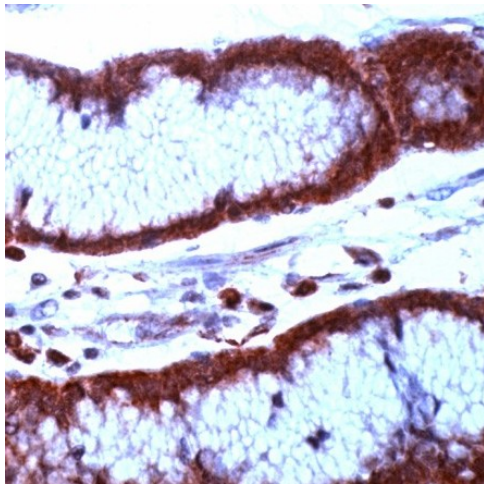
Background:

Survivin is an anti-apoptotic protein, expressed in the G2/M cell cycle phase. At the onset of mitosis, survivin associates with microtubules of the mitotic spindle in a specific and saturable reaction that is regulated by microtubule dynamics. Disruption of survivin-microtubule interactions results in loss of survivin's anti-apoptotic function and increased caspase 3 activity.

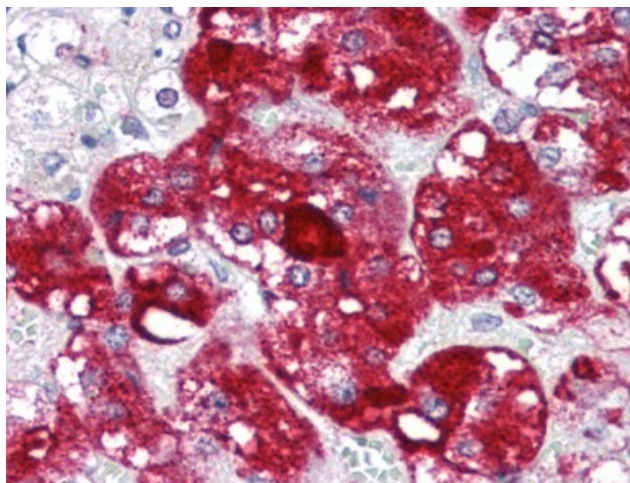
Survivin is also abundantly expressed in brain tissues (astrocytes and some neurons) of adult rats following traumatic brain injury. Survivin has been found co-expressed with NeuN (mature neuronal marker) and PCNA (a cell cycle protein). Survivin might affect regulation of neural cell proliferative responses after brain injury. Survivin is also an inhibitor of apoptosis (IAP), or programmed cell death, that is selectively overexpressed in common human cancers.

Synonyms:

Survivin, Apoptosis inhibitor 4, API4

Product images:

Human Stomach stained with Survivin Antibody



Formalin-Fixed, Paraffin-Embedded Human Adrenal stained with Survivin Antibody