

Survivin (phospho Thr34) rabbit pAb

Cat No.:ES5788

For research use only

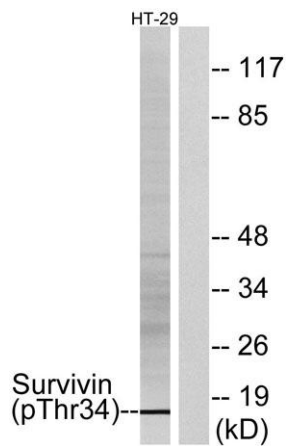
Overview

Product Name	Survivin (phospho Thr34) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA;IHC
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Immunogen	The antiserum was produced against synthesized peptide derived from human Survivin around the phosphorylation site of Thr34. AA range:11-60
Specificity	Phospho-Survivin (T34) Polyclonal Antibody detects endogenous levels of Survivin protein only when phosphorylated at T34.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Baculoviral IAP repeat-containing protein 5
Gene Name	BIRC5
Cellular localization	Cytoplasm . Nucleus . Chromosome . Chromosome, centromere . Cytoplasm, cytoskeleton, spindle . Chromosome, centromere, kinetochore . Midbody . Localizes at the centromeres from prophase to metaphase, at the spindle midzone during anaphase and a the midbod
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	16kD
Human Gene ID	332
Human Swiss-Prot Number	O15392
Alternative Names	BIRC5; API4; IAP4; Baculoviral IAP repeat-containing protein 5; Apoptosis inhibitor 4; Apoptosis inhibitor survivin

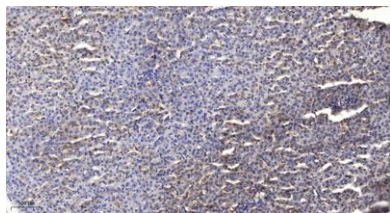


Background

This gene is a member of the inhibitor of apoptosis (IAP) gene family, which encode negative regulatory proteins that prevent apoptotic cell death. IAP family members usually contain multiple baculovirus IAP repeat (BIR) domains, but this gene encodes proteins with only a single BIR domain. The encoded proteins also lack a C-terminus RING finger domain. Gene expression is high during fetal development and in most tumors, yet low in adult tissues. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jun 2011],



Western blot analysis of lysates from HT29 cells treated with EGF 100ug/ml 30', using Survivin (Phospho-Thr34) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

