

Survivin (phospho Thr117) rabbit pAb

Cat No.:ES5789

For research use only

Overview

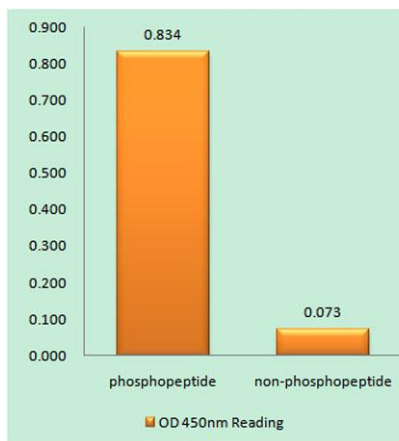
Product Name	Survivin (phospho Thr117) rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Survivin around the phosphorylation site of Thr117. AA range:86-135
Specificity	Phospho-Survivin (T117) Polyclonal Antibody detects endogenous levels of Survivin protein only when phosphorylated at T117.
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	
Human Gene ID	332
Human Swiss-Prot Number	O15392
Alternative Names	BIRC5; API4; IAP4; Baculoviral IAP repeat-containing



Background

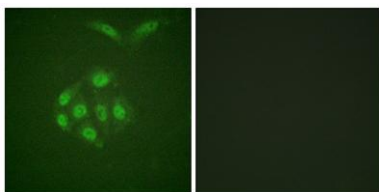
protein 5; Apoptosis inhibitor 4; Apoptosis inhibitor survivin

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],



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Survivin (Phospho-Thr117) Antibody

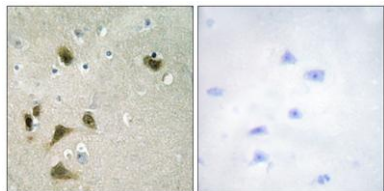
Immunofluorescence analysis of A549 cells, using Survivin (Phospho-Thr117) Antibody. The picture on the right is blocked with the phospho peptide.





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Immunohistochemistry analysis of paraffin-embedded human brain, using Survivin (Phospho-Thr117) Antibody. The picture on the right is blocked with the phospho peptide.



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