

For Research Use Only

# SURVIVIN-Specific Polyclonal antibody



Catalog Number: 19119-1-AP

## Basic Information

<b>Catalog Number:</b> 19119-1-AP	<b>GenBank Accession Number:</b> NM_001168	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 380 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 332	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O15392	
<b>Isotype:</b> IgG	<b>Full Name:</b> baculoviral IAP repeat-containing 5	
	<b>Calculated MW:</b> 18 kDa	

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

BIRC5, also named as API4 and IAP4, is a component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. Isoforms 2 and 3 do not appear to play vital roles in mitosis. Isoform 3 shows a marked reduction in its anti-apoptotic effects when compared with the displayed wild-type isoform. The complex with RAN plays a role in mitotic spindle formation by serving as a physical scaffold to help deliver the RAN effector molecule TPX2 to microtubules. BIRC5 may play a role in neoplasia and counteract a default induction of apoptosis in G2/M phase. The antibody can recognize all these isoforms of BIRC5.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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