

## 11-1006: Polyclonal Antibody to Survivin

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	BIRC5
<b>Gene ID :</b>	332
<b>Uniprot ID :</b>	O15392
<b>Format :</b>	Purified
<b>Alternative Name :</b>	BIRC5,API4,IAP4
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Full length recombinant Survivin protein was used as the immunogen for this antibody.

### Description

Survivin is the smallest mammalian member of the IAP (Inhibitor-Of-Apoptosis) gene family. It regulates two essential cellular processes; inhibits apoptosis and promotes cell proliferation. Survivin also plays a main role in cancer progression because it prevents apoptosis by inhibition of caspase 3 and caspase 7, and by regulating the G2 and M phases of the cell cycle. Overexpression of survivin is associated with neoplasia and metastasis. Survivin might be used as a biomarker and a primary chemotherapeutic target for the detection and treatment of gastrointestinal tract cancer, especially esophageal, gastric, and colon cancers.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein A Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 2-4 Åµg/ml

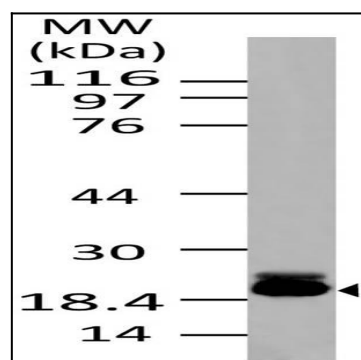


Fig-1: Western blot analysis of Survivin. Anti- Survivin antibody (11-1006) was used at 2 µg/ml on MCF-7 lysate.