

Rabbit Survivin Polyclonal Antibody | anti-birc5.1.L antibody

Polyclonal Antibody to Survivin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78358	Rabbit	Rat, Mouse, Human	Western Blot, Immunohistochemistry, Immunoprecipitation

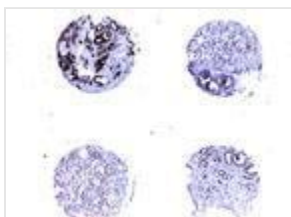
PRODUCT SYNONYMS

Survivin; Polyclonal Antibody; Polyclonal Antibody to Survivin; birc5.1-a; bir1-A; svv1; Bir1-A protein; XSurvivin1; Survivin1-a; Antibody to Survivin; Anti-Survivin Antibody; Survivin Antibody; anti-birc5.1.L antibody

PRODUCT SPECIFICATIONS

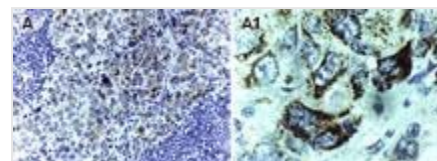
Host	Rabbit
Reactivity	Rat, Mouse, Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Serum
Form/Format	50 ul sera
Sequence Length	160
Applicable Applications for anti-birc5.1.L antibody	WB (Western Blot), IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen Information	A full-length recombinant protein of human Survivin was used as immunogen for this antibody
Antigen	Survivin
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



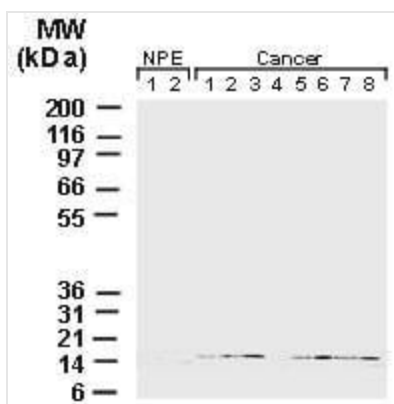
IHC (Immunohistochemistry)

Fig: 3 Immunohistochemical analysis of Survivin in a formalin-fixed, paraffin-embedded human prostate cancer array at 1: 2000. A1 is a high magnification of A. Differential expression of Survivin is seen in tissue cores from four different prostate cancer patients. Hematoxylin-eosin counterstain.



IHC (Immunohistochemistry)

Fig: 2 Immunohistochemical analysis of Survivin in formalin-fixed, paraffin-embedded human esophageal cancer using at 1: 2000. A1 is a high magnification of A. Hematoxylin-eosin counterstain.



WB (Western Blot)

Fig: 1 Western blot analysis of Survivin in normal prostate epithelium (NPE) and prostate cancer using at 1: 2000. 100 ug/lane of each human tissue lysate was loaded per lane. Survivin was detected in 7 out of 8 prostate cancer patient specimens, but was not detected in NPE.

ADDITIONAL INFORMATION

Related Product Information for anti-birc5.1.L antibody

Survivin is a member of the family of inhibitor of apoptosis proteins (IAP), and is involved in both the control of apoptosis and regulation of cell division. IAPs suppress mitochondria-dependent and -independent apoptosis by binding to and inhibiting caspases through their BIR domains. It is a 142 amino acid protein with an approximate molecular weight of 16.5 kDa. Structurally, survivin is composed of a single BIR domain and an extended COOH-terminal α -helical coiled-coil domain and is highly expressed in embryonic and fetal organs. Survivin is undetectable in most normal differentiated and non-proliferating tissues, but is highly expressed in majority of human tumor types including lung, breast, colon, gastric, leukemias, neuroblastoma, brain tumors, pheochromocytoma, soft tissue sarcomas, melanomas and other skin tumors. Additionally, survivin expression has also been detected in a variety of preneoplastic or benign lesions, suggesting that re-expression of survivin may occur early during malignant transformation or following a disruption in the balance between cell division and apoptosis.

Product Categories/Family for anti-birc5.1.L antibody

[Antibodies](#); [Apoptosis](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	82177315
NCBI GeneID	394382
UniProt Accession #	Q8JGN5 ; Q4V7U0 ; Q50L40 ; Q8JG75
Molecular Weight	18,686 Da
NCBI Official Full Name	Baculoviral IAP repeat-containing protein 5.1-A
NCBI Official Synonym Full Names	baculoviral IAP repeat-containing 5, gene 1 L homeolog
NCBI Official Symbol	birc5.1.L
NCBI Official Synonym Symbols	Su2; BIR1; api4; svv1; XBIR1; Xsvv1; epr-1; xsurv; bir1-A; birc5.1; birc5.1-a; birc5.1-b; xSurvivin; XSurvivin1
NCBI Protein Information	baculoviral IAP repeat-containing protein 5.1-A
UniProt Protein Name	Baculoviral IAP repeat-containing protein 5.1-A
UniProt Gene Name	birc5.1-a
UniProt Synonym Gene Names	; xSurvivin

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

