
BIRC5 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250560

Unit: 0.1 mg

Description:

BIRC5 (Baculoviral IAP repeat-containing protein 5; Apoptosis inhibitor survivin) is a component of the chromosomal passenger complex (CPC), a key regulator of mitosis that functions at the centromere to ensure correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. With RAN, survivin forms a scaffold for mitotic spindle formation to deliver the RAN effector TPX2 to microtubules. Survivin plays a role in neoplasia. It inhibits caspase-3 and caspase-7, blocking a default induction of apoptosis in G2/M phase. It is expressed in fetal kidney, liver, lung, brain, adenocarcinomas, lymphomas, renal cell carcinoma cell lines.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, D, B, P

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: BIRC5; Baculoviral IAP repeat-containing protein 5; Apoptosis inhibitor survivin; Apoptosis inhibitor 4; Survivin variant; AP14; IAP4

Accession No.: O15392

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human BIRC5.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.