

## Product Information

**Size:**

50ug

**Reactivity:**

Mouse, Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:5000

**Protein Background:**

Multitasking protein that has dual roles in promoting cell proliferation and preventing apoptosis. Component of a chromosome passage protein complex (CPC) which is essential for chromosome alignment and segregation during mitosis and cytokinesis. Acts as an important regulator of the localization of this complex; directs CPC movement to different locations from the inner centromere during prometaphase to midbody during cytokinesis and participates in the organization of the center spindle by associating with polymerized microtubules. 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. May counteract a default induction of apoptosis in G2/M phase. The acetylated form represses STAT3 transactivation of target gene promoters. May play a role in neoplasia. Inhibitor of CASP3 and CASP7.

**Gene ID:**

Birc5

**Uniprot**

O70201

**Synonyms:**

Baculoviral IAP repeat-containing protein 5 (Apoptosis inhibitor 4) (Apoptosis inhibitor survivin) (TIAP), Birc5, Api4 lap4

**Immunogen:**

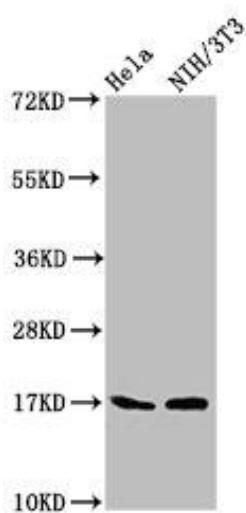
Recombinant Mouse Baculoviral IAP repeat-containing protein 5 protein (1-140AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

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### Western Blot

Positive WB detected in: HeLa whole cell lysate, NIH/3T3 whole cell lysate

All lanes: Birc5 antibody at 5.3 $\mu$ g/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 17, 15, 5 kDa

Observed band size: 17 kDa