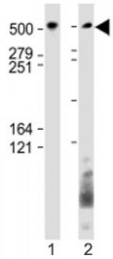
BIRC6 Antibody (C-Terminal Region) (F54131)

Catalog No.	Formulation	Size
F54131-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54131-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9NR09
Applications	WB: 1:1000
Limitations	This BIRC6 antibody is available for research use only.



Western blot testing of BIRC6 antibody at 1:1000: Lane 1) huamn SH-SY5Y and 2) HeLa cell lysate. Predicted molecular weight ~530 kDa.

Description

Baculoviral IAP repeat-containing protein 6 / APOLLON is an anti-apoptotic protein which can regulate cell death by controlling caspases and by acting as an E3 ubiquitin-protein ligase. Has an unusual ubiquitin conjugation system in that it could combine in a single polypeptide, ubiquitin conjugating (E2) with ubiquitin ligase (E3) activity, forming a chimeric E2/E3 ubiquitin ligase. Its tragets include CASP9 and DIABLO/SMAC. Acts as an inhibitor of CASP3, CASP7 and CASP9. Important regulator for the final stages of cytokinesis. Crucial for normal vesicle targeting to the site of abscission, but also for the integrity of the midbody and the midbody ring, and its striking ubiquitin modification. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the BIRC6 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 4810-4844 from human BIRC6 was used as the immunogen for the BIRC6 antibody.

Storage

Aliquot the BIRC6 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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