

Product datasheet

Anti-Apc11 antibody ab44708

Overview

Product name	Anti-Apc11 antibody
Description	Rabbit polyclonal to Apc11
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Human
Immunogen	Full length protein corresponding to Human Apc11.
Positive control	HeLa, NIH-3T3 cells

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: 0.01% PBS
Purity	Protein G purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab44708** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/400. Predicted molecular weight: 10 kDa.

Target

Function	Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of 'Lys-11'-linked polyubiquitin chains and, to a lower extent, the formation of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains. May recruit the E2 ubiquitin-conjugating enzymes to the complex.
Tissue specificity	Expressed at high levels in skeletal muscle and heart; in moderate levels in brain, kidney, and liver; and at low levels in colon, thymus, spleen, small intestine, placenta, lung and peripheral blood leukocyte.
Pathway	Protein modification; protein ubiquitination.
Sequence similarities	Belongs to the RING-box family. Contains 1 RING-type zinc finger.
Domain	The RING-type zinc finger domain coordinates an additional third zinc ion.
Post-translational modifications	Auto-ubiquitinated.
Cellular localization	Cytoplasm. Nucleus.

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