

Product Name: KD-Validated ANAPC7 Mouse Monoclonal Antibody**Catalog #: KVA01883**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500
Molecular Weight	Calculated MW: 66.9kDa

Antigen Information

Gene Name	ANAPC7
Alternative Names	ANAPC7; Anaphase Promoting Complex Subunit 7; APC7; Anaphase-Promoting Complex Subunit 7; Cyclosome Subunit 7; FERBON
Gene ID	51434.0
SwissProt ID	Q9UJX3
Immunogen	Recombinant protein of human ANAPC7

Background

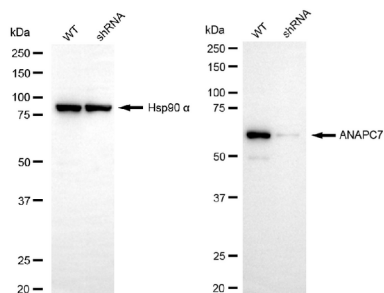
This gene encodes a tetratricopeptide repeat containing component of the anaphase promoting complex/cyclosome (APC/C), a large E3 ubiquitin ligase that controls cell cycle progression by targeting a number of cell cycle regulators such as B-type cyclins for 26S proteasome-mediated degradation through ubiquitination. The encoded protein is required for proper protein

ubiquitination function of APC/C and for the interaction of APC/C with certain transcription coactivators. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2008]

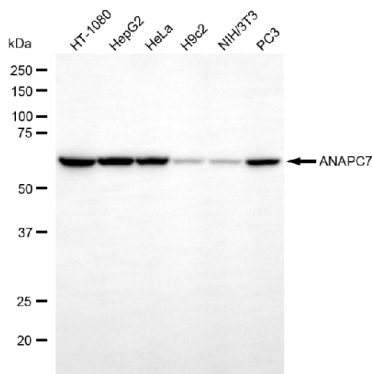
Research Area

Cell Biology

Image Data



Western blotting analysis using ANAPC7 antibody (KVA01883). ANAPC7 expression in wild-type (WT) and ANAPC7 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with ANAPC7 antibody (KVA01883, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using ANAPC7 antibody (KVA01883). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with ANAPC7 antibody (KVA01883, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.