

Anti-CKAP4 antibody

Cat. No.	ml161564
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-CKAP4 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human CKAP4
Reactivity	Human, Mouse
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	CKAP4
Full name	cytoskeleton-associated protein 4
Synonyms	p63; CLIMP-63; ERGIC-63
Swissprot	Q07065

Target Background

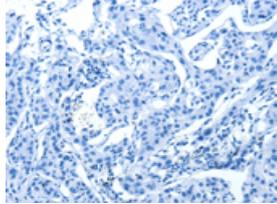
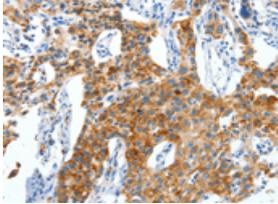
CKAP4 (cytoskeleton-associated protein 4), also known as p63, CLIMP-63 or ERGIC-63, is a 602 amino acid single-pass type II transmembrane protein that links the endoplasmic reticulum (ER) to the cytoskeleton. Considered a novel protein in maintaining ER morphology, CKAP4 anchors the ER to microtubules which is required for maintaining ER spatial distribution during interphase of the cell cycle. CKAP4 can be reversibly palmitoylated and phosphorylated and is a major substrate of the palmitoyl acyltransferase, ZDHHC2.

订购热线: 4008-898-798

Applications

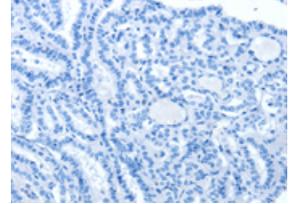
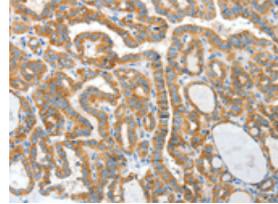
Immunohistochemistry

Predicted cell location: Cytoplasm
Positive control: Human lung cancer
Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml161564(CKAP4 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm
Positive control: Human thyroid cancer
Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml161564(CKAP4 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 66 kDa
Positive control: 293T, hepG2 and A549 cells
Recommended dilution: 1000-5000

Gel: 6%SDS-PAGE

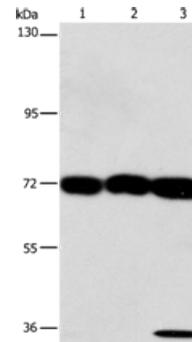
Lysate: 40 μ g

Lane 1-3: 293T cells, hepG2 cells, A549 cells

Primary antibody: ml161564(CKAP4 Antibody) at dilution 1/1250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds



ELISA

Recommended dilution: 2000-10000

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