

Rabbit anti-Mouse CKAP4 Polyclonal Antibody | anti-Ckap4 antibody

Anti-CKAP4 Antibody

CATALOG # AAA46739	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

CKAP4; Polyclonal Antibody; Anti-CKAP4 Antibody; CKAP 4; Ckap4; ERGIC 63; ERGIC63; ERGIC-63; p63; Q8BMK4; Cytoskeleton-associated protein 4; anti-Ckap4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	575
Applicable Applications for anti-Ckap4 antibody	WB (Western Blot)
Notes	Tested Species: In-house tested species with positive results. Other applications have not been tested.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of mouse CKAP4 (95-118aa LVAAAFSGWYVHHVLEEVQVRR), different from the related human sequence by one amino acid.
Preparation and Storage	Store at -20°C for up to one year. After reconstitution, at 4°C for up to one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

ADDITIONAL INFORMATION

Related Product Information for anti-Ckap4 antibody	Rabbit IgG polyclonal antibody for Cytoskeleton-associated protein 4(Ckap4) detection. Background: Cytoskeleton-associated protein 4, also known as CLIMP63 and p63, is a protein that in humans is encoded by the CKAP4 gene. It is mapped to 12q23.3. CKAP4 is found on the plasma membrane of select cells such as vascular smooth muscle and Type II Greater alveolar lung cells. It has a bimodal distribution. First, CKAP4 is found on the plasma membrane and serves as a receptor for SP-A/surfactant protein-A (in lung) and tPA (in vessels). Second, it is embedded in the membrane of a compartment that links the ER with the Golgi apparatus. This localization is dependent on its ability to form homooligomers, and its presence serves to anchor microtubules and direct the formation of tubular ER.
References	1. "Entrez Gene: CKAP4 cytoskeleton-associated protein 4". 2. Schweizer A, Rohrer J, Jeno P, DeMaio A, Buchman TG, Hauri HP (Jul 1993). "A reversibly palmitoylated resident protein (p63) of an ER-Golgi intermediate compartment is related to a circulatory shock resuscitation protein". J Cell Sci. 104 (3): 685-94.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62526118
NCBI GeneID	216197
NCBI Accession #	NP_780660.1
NCBI GenBank Nucleotide #	NM_175451.1
UniProt Accession #	Q8BMK4; Q8BTK8; Q8R3F2; B2RRB4
NCBI Official Full Name	cytoskeleton-associated protein 4
NCBI Official Synonym Full Names	cytoskeleton-associated protein 4
NCBI Official Symbol	Ckap4
NCBI Official Synonym Symbols	P63; CLIMP-63; 5630400A09Rik
NCBI Protein Information	cytoskeleton-associated protein 4
UniProt Protein Name	Cytoskeleton-associated protein 4
UniProt Gene Name	Ckap4
UniProt Synonym Gene Names	Climp-63; p63

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ckap4-antibody-western-blot-elisa/46739>