

A16356

Leader in Biomolecular Solutions for Life Science



KRIT1 Rabbit pAb

Catalog No.: A16356

Basic Information

Observed MW

Calculated MW

84kDa

Category

Polyclonal Antibody

Applications

ELISA

Cross-Reactivity

Human

Background

This gene encodes a protein containing four ankyrin repeats, a band 4.1/ezrin/radixin/moesin (FERM) domain, and multiple NPXY sequences. The encoded protein is localized in the nucleus and cytoplasm. It binds to integrin cytoplasmic domain-associated protein-1 alpha (ICAP1alpha), and plays a critical role in beta1-integrin-mediated cell proliferation. It associates with junction proteins and RAS-related protein 1A (Rap1A), which requires the encoded protein for maintaining the integrity of endothelial junctions. It is also a microtubule-associated protein and may play a role in microtubule targeting. Mutations in this gene result in cerebral cavernous malformations. Multiple alternatively spliced transcript variants have been found for this gene.

Recommended Dilutions

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

889

Swiss Prot

O00522

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CAM; CCM1; KRIT1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.