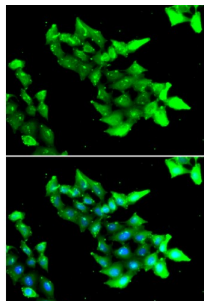


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## Krev Interaction Trapped Protein 1 (KRIT1) Antibody

Catalogue No.: abx005240



Immunofluorescence analysis of HeLa cells using KRIT1 antibody (abx005240). Blue: DAPI for nuclear staining.

KRIT1 Antibody is a Rabbit Polyclonal antibody against KRIT1. 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.

**Target:** KRIT1

**Reactivity:** Human, Mouse, Rat

**Host:** Rabbit

**Clonality:** Polyclonal

**Tested Applications:** WB, IF/ICC

**Recommended dilutions:** WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** Recombinant protein of human KRIT1.

**Purification:** Affinity purified.

**Form:** Liquid

**Isotype:** IgG

**Conjugation:** Unconjugated

**Storage:** Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

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**Molecular Weight:** Calculated MW: 60 kDa/78 kDa/84 kDa  
Observed MW: Refer to figures

**Swiss Prot:** [O00522](#)

**GeneID:** [889](#)

**Gene Symbol:** KRIT1

**Concentration:** > 1 mg/ml

**Buffer:** PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

**Note:** This product is for research use only.