

DNAxPAb

Hard-to-Find
Antibody

KRIT1 DNAxPab

Catalog # H00000889-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human KRIT1 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MGNPENIEDAYVAVIRPKNTASLNSREYRAKSYEILLHEVPIEGQKKRKKVLLLETKLQGNSEITQGI
LDYVVEETTKPISPANQGIRGKRVVLMKKFPLDGEKMGREASLFIVPSVVKDNTKYTYTPGCPIFYCL
QDIMRVCSESTHFATLTARMLIALDKWLDERHAQSHFIPALFRPSPLERIKTNVINPAYATESGQT
ENSLHMGYSALEIKSKMLALEKADTCYNPLFGSDLQYTNRVDKVVINPYFGLGAPDYSKIQIPKQE
KWQRSMSSVTEDKERQWVDDFPLHRSACEGDSELLSRLLSERFSVNQLDSDHWAPIHYACWY
GKVEATRILLEKGKCNPNLLNGQLSSPLHFAAGGGHAEIVQILLNHPETDRHITDQQGRSPLNICEE
NKQNNWEEAAKLLKEANKPYEKVRIYRMDGSYRSVELKHGNNTTVQQIMEGMRLSQETQQYFTI
WICSENLSLQLKPYHKPLQHVRDWPEILAELTNLDPQRETPQLFLRRDVRLPLEVEKQIEDPLAILIL
FDEARYNLLKGFYTAPDAKLITLASLLQVYGNYESKKHKQGFLNEENLKSMPVTKLKSAPHWT
NRILHEYKNLSTSEGVSKEMHHLQRMFLQNCWEIPTYGAAFFTQGIFTKASPSNHHKVIPVYVGVNIK
GLHLLNMETKALLISLKYGCFMWQLGDTDTCFQIHSMENKMSFIVHTKQAGLVVKLLMKLNGQLM
PTERNS

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — KRIT1

Entrez GeneID [889](#)

GeneBank Accession# [NM_004912.3](#)

Protein Accession# [NP_004903.2](#)

Gene Name KRIT1

Gene Alias CAM, CCM1

Gene Description KRIT1, ankyrin repeat containing

Omim ID [116860 604214](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations ankyrin repeat-containing protein Krit1|cerebral cavernous malformations 1|krev interaction trapped 1

Disease

- [Hemangioma](#)
- [Tobacco Use Disorder](#)