

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for TA359757

KRIT1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies	
Applications:	WB	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human KRIT1	
Specificity:	Expected reactivity: Human	
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.	
Concentration:	lot specific	
Purification:	Affinity purified	
Conjugation:	Unconjugated	
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.	
Stability:	Shelf life: one year from despatch.	
Predicted Protein Size:	58 kDa	
Gene Name:	KRIT1, ankyrin repeat containing	
Database Link:	<u>NP_001013424.1</u> <u>Entrez Gene 889 Human</u> <u>O00522-2</u>	



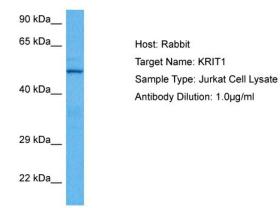
This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Scherken KRIT1 Rabbit Polyclonal Antibody – TA359757

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.
Synonyms:	CAM; CCM1

Protein Families:	Druggable Genome

Product images:



Host: Rabbit Target Name: KRIT1 Sample Tissue: Human Jurkat Whole Cell lysates Antibody Dilution: 1ug/ml

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US