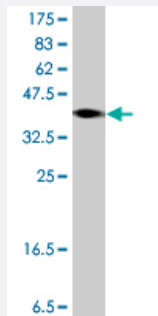


RNF139 polyclonal antibody (A01)

Catalog # H00011236-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant RNF139.
Immunogen	RNF139 (NP_009149, 565 a.a. ~ 664 a.a) partial recombinant protein with GST tag.
Sequence	HYFHALCLRKWL YQDTCPMCHQKVYIEDDIKDNSNVSNNGGFIPPNETPEEAVREAAAESDRELN EDDSTDCDDDVQRERNGVIQHTGAAAEFND DTD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (93)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RNF139

Entrez GeneID [11236](#)

GeneBank Accession# [NM_007218](#)

Protein Accession# [NP_009149](#)

Gene Name RNF139

Gene Alias HRCA1, MGC31961, RCA1, TRC8

Gene Description ring finger protein 139

Omim ID [144700 603046](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a multi-membrane spanning protein containing a RING-H2 finger. This protein is located in the endoplasmic reticulum, and has been shown to possess ubiquitin ligase activity. This gene was found to be interrupted by a t(3:8) translocation in a family with hereditary renal and non-medullary thyroid cancer. Studies of the Drosophila counterpart suggested that this protein may interact with tumor suppressor protein VHL, as well as with COPS5/JAB1, a protein responsible for the degradation of tumor suppressor CDKN1B/P27KIP. [provided by RefSeq]

Other Designations multiple membrane spanning receptor TRC8|patched related protein translocated in renal cancer

Publication Reference

- [The TRC8 ubiquitin ligase is sterol regulated and interacts with lipid and protein biosynthetic pathways.](#)

Lee JP, Brauweiler A, Rudolph M, Hooper JE, Drabkin HA, Gemmill RM.

Molecular Cancer Research 2010 Jan; 8(1):93.

Application: WB-Tr, Human, HEK 293 cells

- [The TRC8 E3 ligase ubiquitinates MHC class I molecules before dislocation from the ER.](#)

Stagg HR, Thomas M, van den Boomen D, Wiertz EJ, Drabkin HA, Gemmill RM, Lehner PJ.

The Journal of Cell Biology 2009 Sep; 186(5):685.

Application: WB-Tr, Human, HEK 293 cells

- [The Sterol-sensing Endoplasmic Reticulum \(ER\) Membrane Protein TRC8 Hampers ER to Golgi Transport of Sterol Regulatory Element-binding Protein-2 \(SREBP-2\)/SREBP Cleavage-activated Protein and Reduces SREBP-2 Cleavage.](#)

Irisawa M, Inoue J, Ozawa N, Mori K, Sato R.

The Journal of Biological Chemistry 2009 Oct; 284(42):28995.

Application: WB-Tr, Human, HepG2 cells

- [RING-dependent tumor suppression and G2/M arrest induced by the TRC8 hereditary kidney cancer gene.](#)

Brauweiler A, Lorick KL, Lee JP, Tsai YC, Chan D, Weissman AM, Drabkin HA, Gemmill RM.

Oncogene 2006 Oct; 26(16):2263.

Application: WB, Human, RCC cells: SKRC-02, SKRC-09, SKRC-17