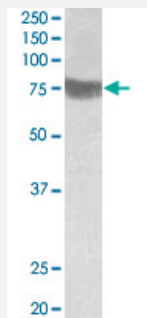


# RNF139 polyclonal antibody

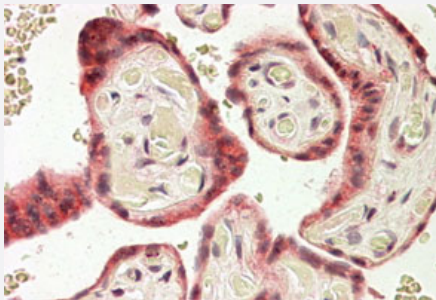
Catalog # PAB12810      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

RNF139 polyclonal antibody (Cat # PAB12810) (1 ug/mL) staining of human skeletal muscle lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

RNF139 polyclonal antibody (Cat # PAB12810) (3.8 ug/mL) staining of paraffin embedded human placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

## Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of RNF139.
Immunogen	A synthetic peptide corresponding to C-terminus of human RNF139.
Sequence	C-HTGAAAEFNDT
Host	Goat
Theoretical MW (kDa)	76
Reactivity	Human
Form	Liquid

<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	0.5 mg/mL
<b>Recommend Usage</b>	ELISA (1:16000) Western blot (0.3-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (3-4 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — RNF139

<b>Entrez GeneID</b>	<a href="#">11236</a>
<b>Protein Accession#</b>	<a href="#">NP_009149.2</a>
<b>Gene Name</b>	RNF139
<b>Gene Alias</b>	HRCA1, MGC31961, RCA1, TRC8
<b>Gene Description</b>	ring finger protein 139
<b>Omim ID</b>	<a href="#">144700 603046</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

**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 hereditary renal cell carcinoma 3;8 translocation fuses FHIT to a patched-related gene, TRC8.](#)

Gemmill RM, West JD, Boldog F, Tanaka N, Robinson LJ, Smith DI, Li F, Drabkin HA.

PNAS 1998 Aug; 95(16):9572.