

RN139 rabbit pAb

Catalog No :	YT7653
Reactivity :	Human;Mouse
Applications :	WB;IHC
Target :	RN139
Gene Name :	RNF139 TRC8
Protein Name :	RN139
Human Gene Id :	11236
Human Swiss Prot No :	Q8WU17
Mouse Gene Id :	75841
Mouse Swiss Prot No :	Q7TMV1
Immunogen :	Synthesized peptide derived from human RN139 AA range: 10-60
Specificity :	This antibody detects endogenous levels of RN139 at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 73kD

Background :

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, Jul 2008],

Function :

disease:Defects in RNF139 are a cause of renal cell carcinoma (RCC) [MIM:144700]. A chromosomal aberration involving RNF139 is found in hereditary RCC. Translocation (3;8)(q14.2;q24.1) with FHIT. The result is RNF139 is found to be fused to FHIT and disrupted within the sterol-sensing domain. In contrast, the FHIT coding region is maintained and expressed. Sporadic RCC, where an acquired mutation in RNF139 results in the duplication of 12 nucleotides in the 5'-UTR, has also been identified.,domain:The RING-type zinc finger domain may be essential for ubiquitin ligase activity.,function:Potential tumor suppressor for renal cell carcinoma. Plays a role in mediating ubiquitination. May function as a signaling receptor.,similarity:Contains 1 RING-type zinc finger.,subunit:Interacts with VHL.,tissue specificity:Highly expressed in testis, placenta and adrenal gland. Moderate expression in hea

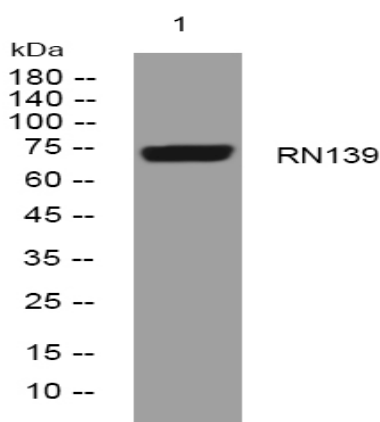
Subcellular Location :

Endoplasmic reticulum membrane ; Multi-pass membrane protein .

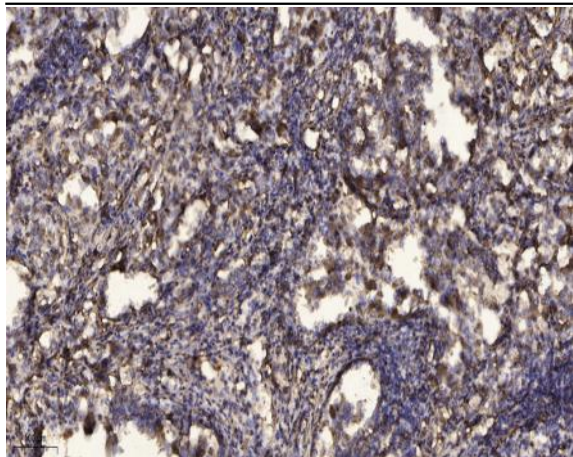
Expression :

Highly expressed in testis, placenta and adrenal gland. Moderate expression in heart, brain, liver, skeletal muscle and pancreas, and low expression in lung and kidney.

Products Images



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).