

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.

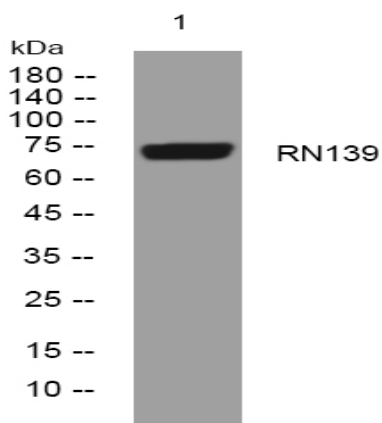
Sort : 14544

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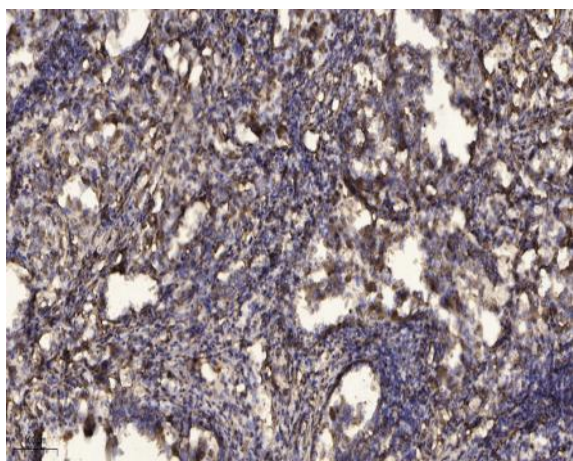
Host : Rabbit

Modifications : Unmodified

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).