

RN103 rabbit pAb

Cat No.:ES13377

For research use only

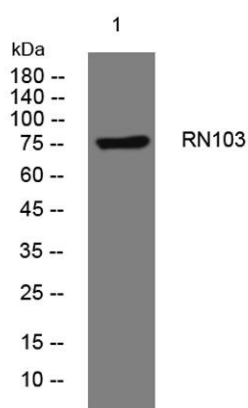
Overview

Product Name	RN103 rabbit pAb
Host species	Rabbit
Applications	WB;IHC
Species Cross-Reactivity	Human; Mouse;Rat
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300
Immunogen	Synthesized peptide derived from human RN103 AA range: 243-293
Specificity	This antibody detects endogenous levels of RN103 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	RN103
Gene Name	RNF103 ZFP103
Cellular localization	Endoplasmic reticulum membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	7844
Human Swiss-Prot Number	O00237
Alternative Names	
Background	The protein encoded by this gene contains a RING-H2 finger, a motif known to be involved in protein-protein and protein-DNA interactions. This gene is highly expressed in normal cerebellum, but not in the cerebral cortex. The expression of the rat counterpart in the frontal cortex and hippocampus was shown to be induced by electroconvulsive treatment (ECT) as well as chronic antidepressant

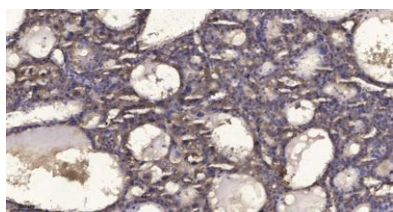




treatment, suggesting that this gene may be a molecular target for ECT and antidepressants. The protein is a ubiquitin ligase that functions in the endoplasmic reticulum-associated degradation pathway. Alternative splicing of this gene results in multiple transcript variants. Read-through transcription also exists between this gene and the downstream CHMP3 (charged multivesicular body protein 3) gene. [provided by RefSeq, Oct 2011],



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human liver cancer. 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).

