



RT4I1 rabbit pAb

Cat No.:ES13321

For research use only

Overview

Product Name	RT4I1 rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse
Recommended dilutions	WB 1: 500-2000
Immunogen	Synthesized peptide derived from human RT4I1 AA range: 282-332
Specificity	This antibody detects endogenous levels of RT4I1 at Human/Mouse
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	RT4I1
Gene Name	RTN4IP1 NIMP
Cellular localization	Mitochondrion outer membrane . Colocalizes with the endoplasmic reticulum HSPA5 at spots corresponding to contacts with mitochondria . .
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	84816
Human Swiss-Prot Number	Q8WWV3
Alternative Names	
Background	This gene encodes a mitochondrial protein that interacts with reticulon 4, which is a potent inhibitor of regeneration following spinal cord injury. This interaction may be important for reticulon-induced inhibition of neurite growth. Mutations in this gene can cause optic atrophy 10, with or without ataxia, mental retardation, and seizures. There is a





pseudogene for this gene on chromosome 12.
Alternative splicing results in multiple transcript
variants. [provided by RefSeq, Jan 2016],

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

