# RT4I1 rabbit pAb

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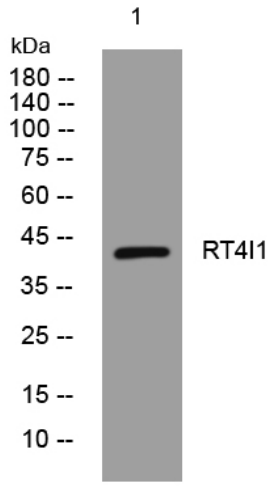
| **Catalog No** | YP-Ab-11385 |
| **Isotype** | IgG |
| **Reactivity** | Human; Mouse |
| **Applications** | WB |
| **Gene Name** | RTN4IP1 NIMP |
| **Protein Name** | RT4I1 |
| **Immunogen** | Synthesized peptide derived from human RT4I1 AA range: 282-332 |
| **Specificity** | This antibody detects endogenous levels of RT4I1 at Human/Mouse |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source** | Polyclonal, Rabbit,IgG |
| **Purification** | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. |
| **Dilution** | WB 1：500-2000 |
| **Concentration** | 1 mg/ml |
| **Purity** | ≥90% |
| **Storage Stability** | -20°C/1 year |
| **Synonyms** | |
| **Observed Band** | |
| **Cell Pathway** | Mitochondrion outer membrane . Colocalizes with the endoplasmic reticulum HSPA5 at spots corresponding to contacts with mitochondria. . |
| **Tissue Specificity** | Widely expressed in mitochondria-enriched tissues. Found in heart, muscle, kidney, liver, brain and placenta. |
| **Function** | function:Appears to be a potent inhibitor of regeneration following spinal cord injury.,similarity:Belongs to the zinc-containing alcohol dehydrogenase family. Quinone oxidoreductase subfamily.,subunit:Interacts with RTN4, UQCRC1 and UQCRC2.,tissue specificity:Widely expressed in mitochondria-enriched tissues. Found in heart, muscle, kidney, liver, brain and placenta., |
| **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], |
| **matters needing attention** | Avoid repeated freezing and thawing! |

**Usage suggestions** This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images




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