



# NIT1 rabbit pAb

|                                    |                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-11754                                                                                                                                                                                                                                                                                                                             |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                     |
| <b>Reactivity</b>                  | Human; Mouse; Rat                                                                                                                                                                                                                                                                                                                       |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                      |
| <b>Gene Name</b>                   | NIT1                                                                                                                                                                                                                                                                                                                                    |
| <b>Immunogen</b>                   | Synthesized peptide derived from human NIT1 AA range: 32-82                                                                                                                                                                                                                                                                             |
| <b>Specificity</b>                 | This antibody detects endogenous levels of NIT1 at Human/Mouse/Rat                                                                                                                                                                                                                                                                      |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                 |
| <b>Source</b>                      | Polyclonal, Rabbit, IgG                                                                                                                                                                                                                                                                                                                 |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                               |
| <b>Dilution</b>                    | WB 1:500-2000                                                                                                                                                                                                                                                                                                                           |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                 |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                            |
| <b>Synonyms</b>                    | Nitrilase homolog 1; nitrilase 1; EC:3.5.1.128; dGSH amidase; Deaminated glutathione amidase; NIT1                                                                                                                                                                                                                                      |
| <b>Observed Band</b>               |                                                                                                                                                                                                                                                                                                                                         |
| <b>Calculated Molecular Weight</b> |                                                                                                                                                                                                                                                                                                                                         |
| <b>Cell Pathway</b>                | [Isoform 2]: Mitochondrion .; [Isoform 1]: Cytoplasm .                                                                                                                                                                                                                                                                                  |
| <b>Tissue Specificity</b>          | Detected in heart, brain, placenta, liver, skeletal muscle, kidney and pancreas.                                                                                                                                                                                                                                                        |
| <b>Function</b>                    | sequence caution: Chimeric cDNA. Its C-terminal exon is derived from the last exon of the DEDD gene., similarity: Belongs to the UPF0012 family., similarity: Contains 1 CN hydrolase domain., tissue specificity: Detected in heart, brain, placenta, liver, skeletal muscle, kidney and pancreas.,                                    |
| <b>Background</b>                  | This gene encodes a member of the nitrilase protein family with homology to bacterial and plant nitrilases, enzymes that cleave nitriles and organic amides to the corresponding carboxylic acids plus ammonia. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2010], |

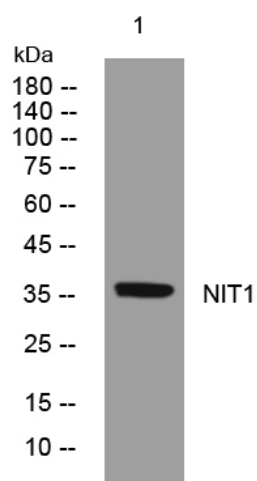
**matters needing attention**

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 PC-12 cells, primary antibody was diluted at 1:1000, 4° over night