

## Product datasheet for **TA369592**

### NUDT2 Rabbit Polyclonal Antibody

#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | IHC, WB   |
| Recommended Dilution:   | WB: 200-1000<br>WB positive control: Mouse kidney , spleen and liver tissue, Jurkat cell, Hepg2 cell, 293T cell, Human placenta tissue<br>IHC: 20-100<br>Positive control: Human liver cancer<br>Predicted cell location: Cytoplasm |
| Reactivity:             | Human, Mouse, Rat   |
| Host:                   | Rabbit  |
| Isotype:                | IgG   |
| Clonality:              | Polyclonal  |
| Immunogen:              | Full length fusion protein  |
| Formulation:            | pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol  |
| Concentration:          | lot specific  |
| Purification:           | Antigen affinity purification   |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at -20°C.   |
| Stability:              | 1 year  |
| Predicted Protein Size: | 17 kDa  |
| Gene Name:              | nudix hydrolase 2   |
| Database Link:          | <a href="#">Entrez Gene 318 Human P50583</a>  |



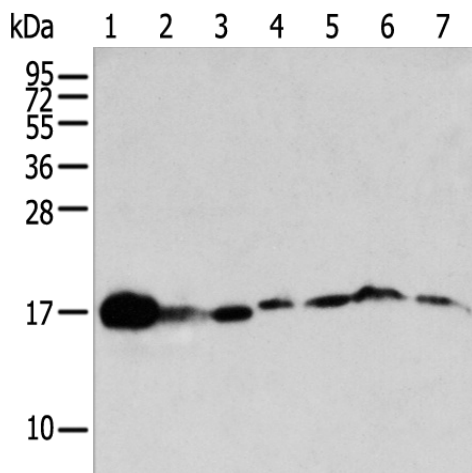
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**Background:**

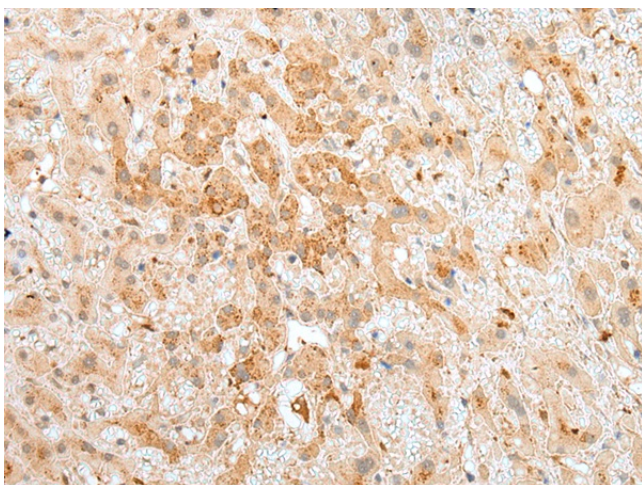
This gene encodes a member of the MutT family of nucleotide pyrophosphatases, a subset of the larger NUDIX hydrolase family. The gene product possesses a modification of the MutT sequence motif found in certain nucleotide pyrophosphatases. The enzyme asymmetrically hydrolyzes Ap4A to yield AMP and ATP and is responsible for maintaining the intracellular level of the dinucleotide Ap4A, the function of which has yet to be established. This gene may be a candidate tumor suppressor gene.

**Synonyms:**

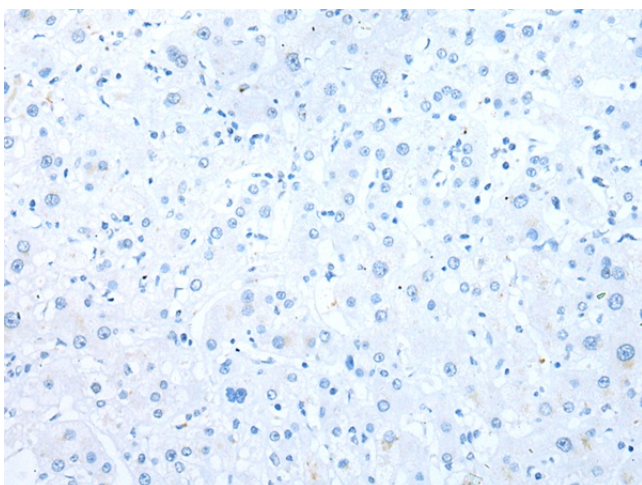
Ap4Aase; APAH1; MGC10404; OTTHUMP00000021256; OTTHUMP00000021259

**Product images:**


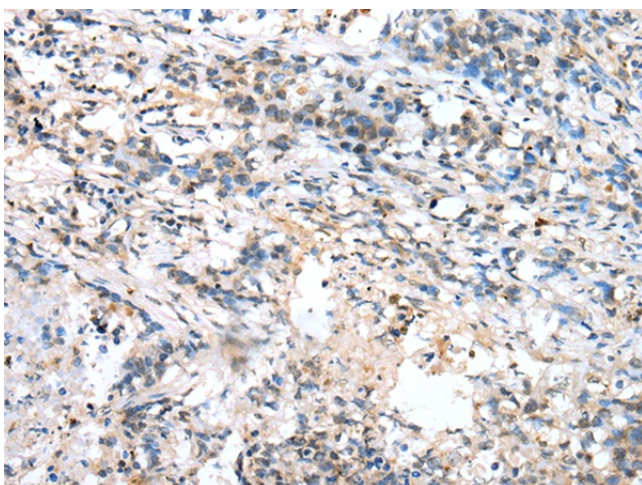
Gel: 12%SDS-PAGE  
 Lysate: 40 µg  
 Lane 1-7: Mouse kidney  
 spleen and liver tissue  
 Jurkat cell  
 Hepg2 cell  
 293T cell  
 Human placenta tissue  
 Primary antibody: TA369592 (NUDT2 Antibody) at dilution 1/250  
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
 Exposure time: 40 seconds



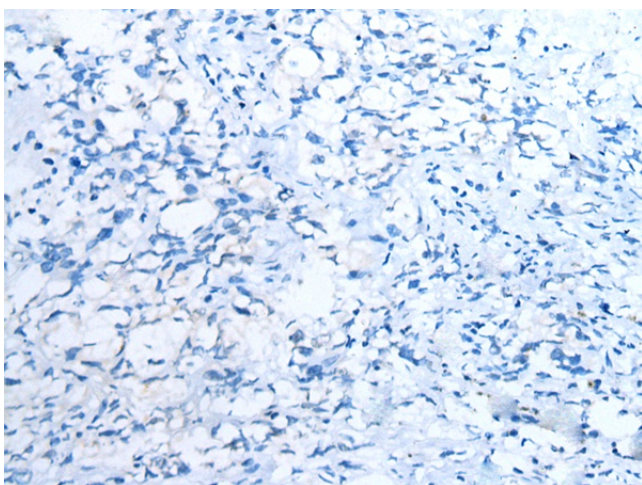
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA369592 (NUDT2 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA369592 (NUDT2 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA369592 (NUDT2 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA369592 (NUDT2 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)