

Product datasheet for **TA809847AM**

UPRT Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1D12]

Product data:

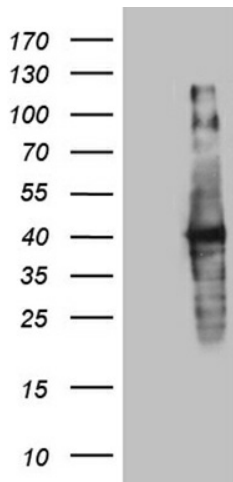
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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI1D12 |
| Applications: | IHC, WB |
| Recommended Dilution: | WB 1:500~2000, IHC 1:1000 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human UPRT (NP_659489) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Biotin |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 33.6 kDa |
| Gene Name: | uracil phosphoribosyltransferase homolog |
| Database Link: | NP_659489 Entrez Gene 139596 Human Q96BW1 |
| Background: | This gene encodes uracil phosphoribosyltransferase, which catalyzes the conversion of uracil and 5-phosphoribosyl-1-R-diphosphate to uridine monophosphate (UMP). This reaction is an important part of nucleotide metabolism, specifically the pyrimidine salvage pathway. The enzyme localizes to the nucleus and cytoplasm. The protein is a potential target for rational design of drugs to treat parasitic infections and cancer. [provided by RefSeq, Nov 2009] |



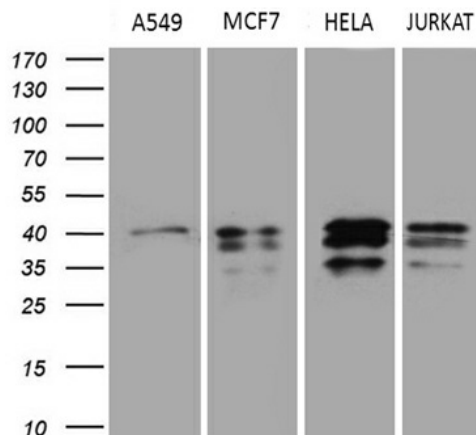
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Synonyms: FUR1; UPP
Protein Families: Druggable Genome
Protein Pathways: Metabolic pathways, Pyrimidine metabolism

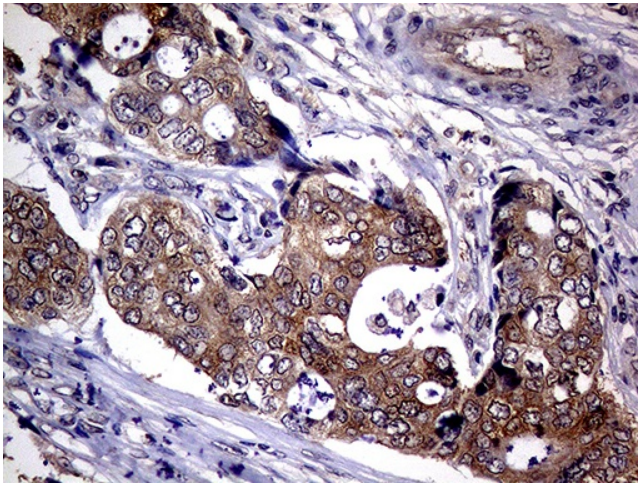
Product images:



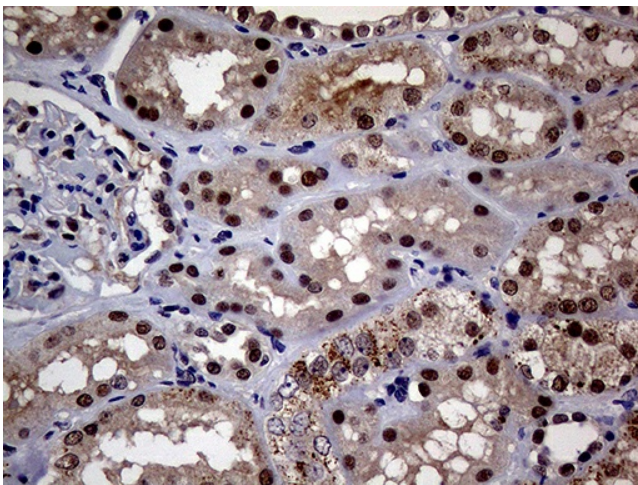
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY UPRT ([RC205030], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-UPRT (1:2000). Positive lysates [LY408068] (100ug) and [LC408068] (20ug) can be purchased separately from OriGene.



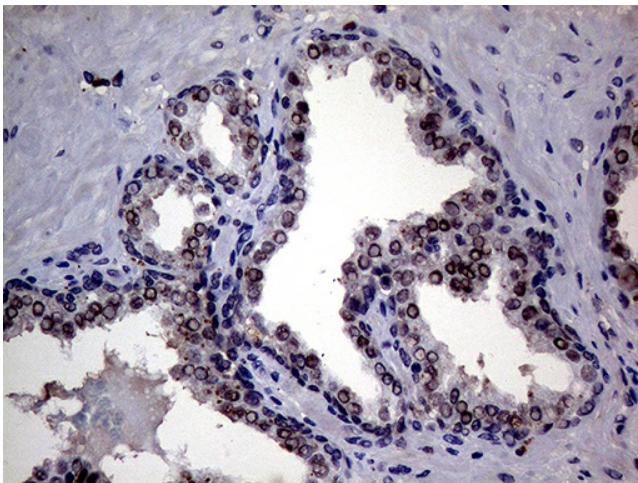
Western blot analysis of extracts (35ug) from 4 different cell lines by using anti-UPRT monoclonal antibody (1:500).



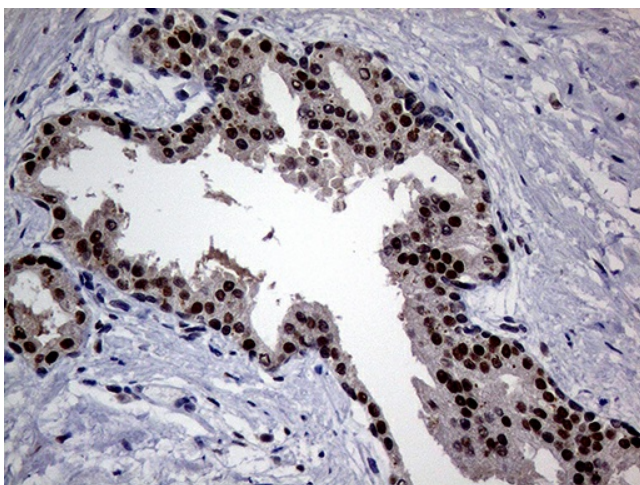
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-UPRT mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809847]) (1:1000)



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-UPRT mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809847]) (1:1000)



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-UPRT mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809847]) (1:1000)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-UPRT mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809847]) (1:1000)