

Product datasheet for **TA368105**

PNPO Rabbit Polyclonal Antibody

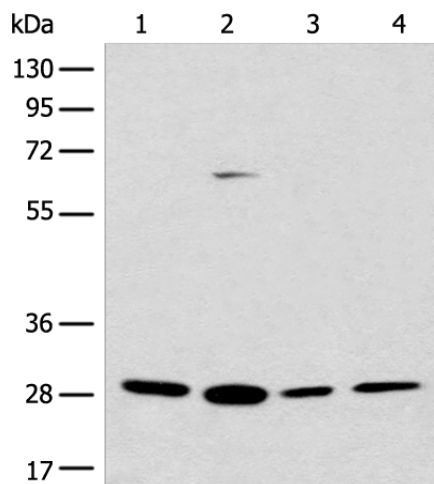
Product data:

| | |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | WB: 200-1000 WB positive control: HEPG2,293T□Hela and PC-3 cell lysates IHC: 20-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide of human PNPO |
| Formulation: | pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |
| Concentration: | lot specific |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. |
| Stability: | 1 year |
| Predicted Protein Size: | 30 kDa |
| Gene Name: | pyridoxamine 5'-phosphate oxidase |
| Database Link: | Entrez Gene 55163 Human Q9NVS9 |
| Background: | The enzyme encoded by this gene catalyzes the terminal, rate-limiting step in the synthesis of pyridoxal 5'-phosphate, also known as vitamin B6. Vitamin B6 is a required co-factor for enzymes involved in both homocysteine metabolism and synthesis of neurotransmitters such as catecholamine. Mutations in this gene result in pyridoxamine 5'-phosphate oxidase (PNPO) deficiency, a form of neonatal epileptic encephalopathy. |
| Synonyms: | FLJ10535; PDXPO |

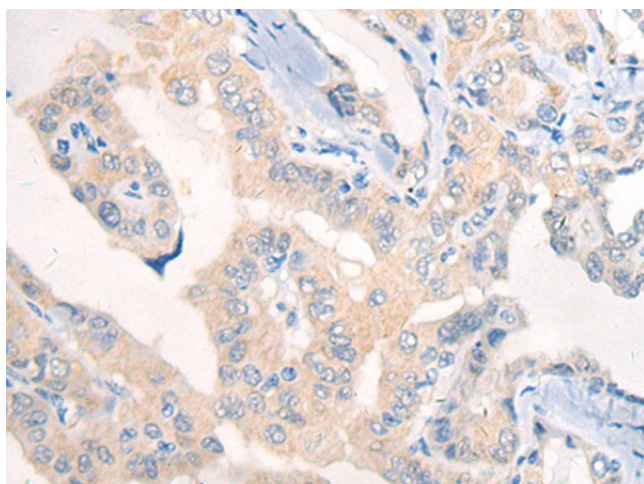


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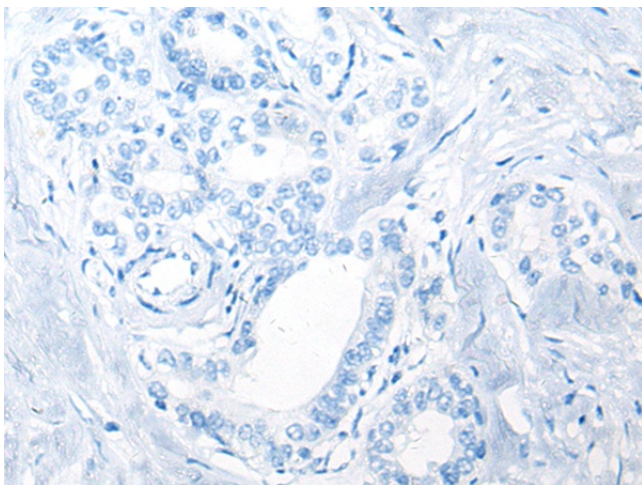
Product images:



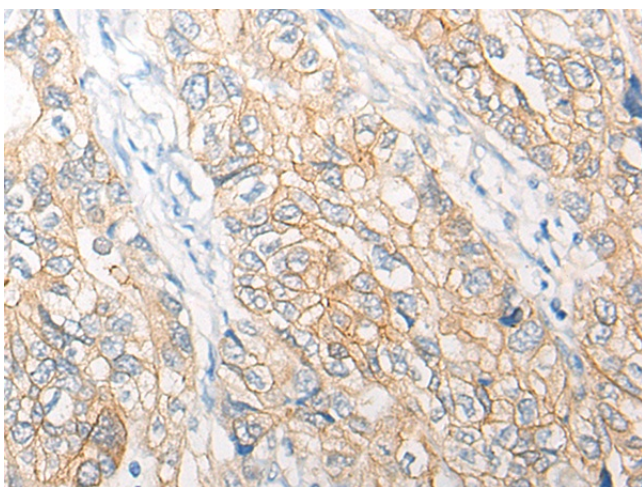
Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane 1-4: HEPG2
293T
Hela and PC-3 cell lysates
Primary antibody: TA368105 (PNPO Antibody) at
dilution 1/250
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 30 seconds



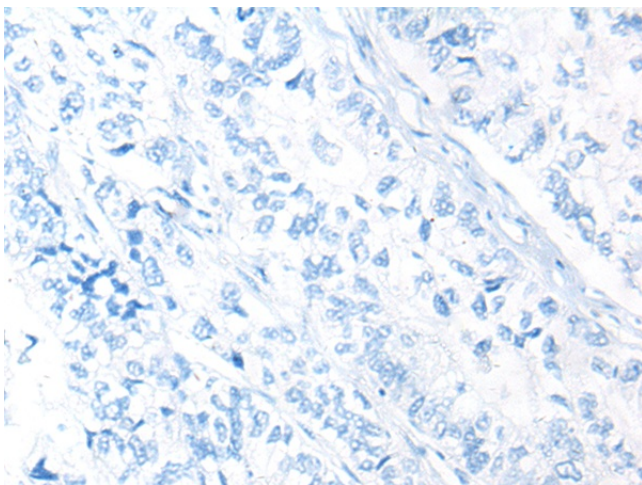
Immunohistochemistry of paraffin-embedded
Human thyroid cancer tissue using TA368105
(PNPO Antibody) at dilution 1/20 (Original
magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA368105 (PNPO Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA368105 (PNPO Antibody) at dilution 1/20 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA368105 (PNPO Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: x200)