

## Product datasheet for **TA308200**

### DPYD Rabbit Polyclonal Antibody

#### Product data:

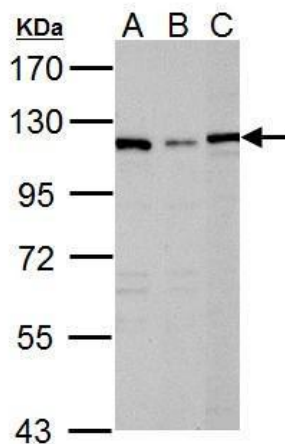
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 1 and 174 of (Uniprot ID#Q12882)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	19 kDa
Gene Name:	dihydropyrimidine dehydrogenase
Database Link:	<a href="#">NP_000101</a> <a href="#">Entrez Gene 1806 Human Q12882</a>
Background:	The protein encoded by this gene is a pyrimidine catabolic enzyme and the initial and rate-limiting factor in the pathway of uracil and thymidine catabolism. Mutations in this gene result in dihydropyrimidine dehydrogenase deficiency, an error in pyrimidine metabolism associated with thymine-uraciluria and an increased risk of toxicity in cancer patients receiving 5-fluorouracil chemotherapy. [provided by RefSeq]
Synonyms:	DHP; DHPDHASE; DPD
Protein Families:	Druggable Genome



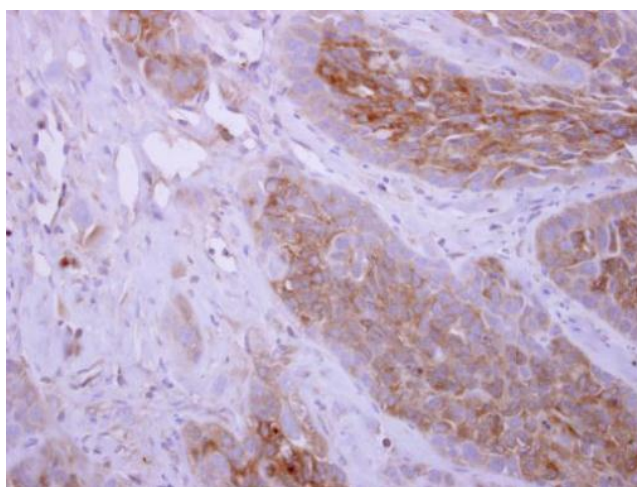
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**Protein Pathways:** beta-Alanine metabolism, Drug metabolism - other enzymes, Metabolic pathways, Pantothenate and CoA biosynthesis, Pyrimidine metabolism

**Product images:**



Sample (30 ug of whole cell lysate). A: Raji. B: K562. C: NCI-H929. 7.5% SDS PAGE. TA308200 diluted at 1:1000.



DPYD antibody [N1N2], N-term detects DPYD protein at cytoplasm on H358 xenograft by immunohistochemical analysis. Sample: Paraffin-embedded H358 xenograft. DPYD antibody [N1N2], N-term (TA308200) dilution: 1:500.