

Product datasheet for **TA362237**

DPH5 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle terminal region of human DPH5
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	25 kDa
Gene Name:	diphthamide biosynthesis 5
Database Link:	NP_001070862.1 Entrez Gene 51611 Human Q9H2P9-2
Background:	This gene encodes a component of the diphthamide synthesis pathway. Diphthamide is a post-translationally modified histidine residue found only on translation elongation factor 2. It is conserved from archaeobacteria to humans, and is targeted by diphtheria toxin and Pseudomonas exotoxin A to halt cellular protein synthesis. The yeast and Chinese hamster homologs of this protein catalyze the trimethylation of the histidine residue on elongation factor 2, resulting in a diphthine moiety that is subsequently amidated to yield diphthamide. Multiple transcript variants encoding different isoforms have been found for this gene.



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Synonyms: AD-018; CGI-30; HSPC143; MGC61450; NPD015

Product images:



Host: Rabbit
Target Name: DPH5
Sample Type: ACHN Cell Lysate
Antibody Dilution: 1.0µg/ml

Host: Rabbit
Target Name: DPH5
Sample Tissue: Human ACHN Whole Cell lysates
Antibody Dilution: 1ug/ml