

Rabbit DPH5 Polyclonal Antibody | anti-DPH5 antibody

DPH5 Antibody - middle region

CATALOG # AAA201616	HOST Rabbit	REACTIVITY Tested: Human; Predicted: Human	APPLICATIONS Western Blot
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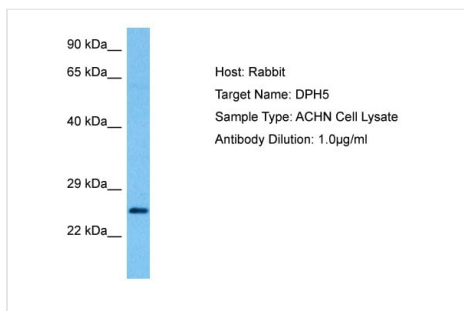
PRODUCT SYNONYMS

DPH5; Polyclonal Antibody; DPH5 Antibody - middle region; anti-DPH5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human; Predicted: Human
Clonality	Polyclonal
Purity/Purification	Affinity purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Applicable Applications for anti-DPH5 antibody	WB (Western Blot)
Protein Size (# AA)	234 amino acids
Official Gene Full Name	diphthamide biosynthesis 5
Peptide Sequence	Synthetic peptide located within the following region: ESFFDKVKKNRQNGMHTLCLLDIKVKEQSLENLIKGRKIYEPPTYMSVNQ
Immunogen	The immunogen is a synthetic peptide directed towards the middle terminal region of human DPH5
Protein Name	diphthine methyl ester synthase
Preparation and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Host: RabbitTarget Name: DPH5Sample Tissue: Human ACHN Whole Cell lysatesAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-DPH5 antibody	Description of Target: 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.
Product Categories/Family for anti-DPH5 antibody	Polyclonal; Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	117190326
NCBI GeneID	51611
NCBI Accession #	NP_001070862.1
NCBI GenBank Nucleotide #	NM_001077394.1
UniProt Accession #	Q9H2P9
Molecular Weight	25 kDa
NCBI Official Full Name	diphthine methyl ester synthase isoform a
NCBI Official Synonym Full Names	diphthamide biosynthesis 5
NCBI Official Symbol	DPH5
NCBI Official Synonym Symbols	AD-018; CGI-30; NPD015; HSPC143
NCBI Protein Information	diphthine methyl ester synthase
UniProt Protein Name	Diphthine synthase
UniProt Gene Name	DPH5
UniProt Entry Name	DPH5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.