

Rabbit anti-Human WDR85 Polyclonal Antibody | anti-DPH7 antibody

WDR85 Antibody (N-term)

CATALOG # AAA286187	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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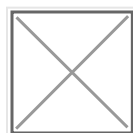
PRODUCT SYNONYMS

WDR85; Polyclonal Antibody; WDR85 Antibody (N-term); Diphthamide biosynthesis protein 7; WD repeat-containing protein 85; DPH7; C9orf112; anti-DPH7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This WDR85 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 23-51 amino acids from the N-terminal region of human WDR85.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Applicable Applications for anti-DPH7 antibody	ELISA, WB (Western Blot)
Antigen Region	23-51
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WDR85 Antibody (N-term) (AAA286187) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the WDR85 antibody detected the WDR85 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-DPH7 antibody	<p>Background: WDR85 is a WD repeat-containing protein that plays a role in the first step of diphthamide biosynthesis (Carette et al., 2009 [PubMed 19965467]).</p> <p>Function: Catalyzes the demethylation of diphthine methyl ester to form diphthine, an intermediate diphthamide biosynthesis, a post- translational modification of histidine which occurs in translation elongation factor 2 (EEF2) which can be ADP- ribosylated by diphtheria toxin and by Pseudomonas exotoxin A (Eta).</p>
Product Categories/Family for anti-DPH7 antibody	Metabolism; Signal Transduction

References	<p>Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :</p> <p>Carette, J.E., et al. Science 326(5957):1231-1235(2009)</p> <p>Lamesch, P., et al. Genomics 89(3):307-315(2007)</p> <p>Humphray, S.J., et al. Nature 429(6990):369-374(2004)</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24308452
NCBI GeneID	92715
NCBI Accession #	NP_620133.1
NCBI GenBank Nucleotide #	NM_138778.3
UniProt Accession #	Q9BTV6; Q96AB7
Molecular Weight	50575
NCBI Official Full Name	diphthine methyltransferase
NCBI Official Synonym Full Names	diphthamide biosynthesis 7
NCBI Official Symbol	DPH7
NCBI Official Synonym Symbols	RRT2; WDR85; C9orf112
NCBI Protein Information	diphthine methyltransferase
UniProt Protein Name	Diphthine methyltransferase
UniProt Gene Name	DPH7
UniProt Synonym Gene Names	C9orf112; WDR85
UniProt Entry Name	DPH7_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.