

DTD1/HARS2 Rabbit pAb

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Catalog # AP55575

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8TEA8
Predicted	Rat, Dog, Human, Mouse, Rabbit, Chicken, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23424
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DTD1
Epitope Specificity	1-100/209
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene is similar in sequence to histidyl-tRNA synthetase, which hydrolyzes D-tyrosyl-tRNA(Tyr) into D-tyrosine and free tRNA(Tyr). The encoded protein is found in the cytoplasm. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	92675
Other Names	D-aminoacyl-tRNA deacylase 1, Histidyl-tRNA synthase-related, DTD1, C20orf88, DUEB, HARS2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	DTD1
Synonyms	C20orf88, DUEB, HARS2

Function	Possible ATPase (PubMed: 15653697) involved in DNA replication, may facilitate loading of CDC45 onto pre-replication complexes (PubMed: 20065034).
Cellular Location	Nucleus. Cytoplasm {ECO:0000250 UniProtKB:Q8IIS0} Note=Associated with chromatin at some replication origins containing functional DNA-unwinding elements (PubMed:20065034)
Tissue Location	Expressed in many adult and fetal tissues. Highest levels in testis, ovary, spleen and in adult and fetal brain

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.