

DTD1/HARS2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55575**Specification****DTD1/HARS2 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8TEA8
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23 KDa
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.
SIMILARITY	Belongs to the DTD family.
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]

DTD1/HARS2 Polyclonal Antibody - Additional Information

Gene ID 92675

Other Names

D-aminoacyl-tRNA deacylase 1, Histidyl-tRNA synthase-related, DTD1, C20orf88, DUEB, HARS2

Target/Specificity

Expressed in many adult and fetal tissues. Highest levels in testis, ovary, spleen and in adult and fetal brain.

Dilution

IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

DTD1/HARS2 Polyclonal Antibody - 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

DTD1/HARS2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DTD1/HARS2 Polyclonal Antibody - Images