



T3HPD rabbit pAb

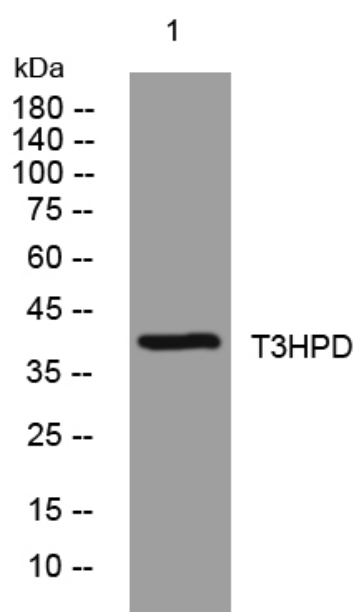
Catalog No	YP-Ab-07948
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	L3HYPDH C14orf149
Immunogen	Synthesized peptide derived from human T3HPD AA range: 11-61
Specificity	This antibody detects endogenous levels of T3HPD at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.62% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	T3HPD;L3HYPDH C14orf149;Trans-L-3-hydroxyproline dehydratase (EC 4.2.1.77) (Trans-3-hydroxy-L-proline dehydratase)
Observed Band	38kD
Calculated Molecular Weight	38kD
Cell Pathway	
Tissue Specificity	Ubiquitously expressed.
Function	catalytic activity:L-proline = D-proline.,function:Catalyzes the interconversion of L- and D-proline.,miscellaneous:In contrast to the T.cruzi enzyme, lacks the conserved Cys at position 273 which is replaced by a Thr residue. The high conservation of the protein nevertheless suggests that it is nevertheless active.,similarity:Belongs to the proline racemase family.,subunit:Homodimer.,
Background	The protein encoded by this gene is a dehydratase that converts trans-3-hydroxy-L-proline to delta(1)-pyrroline-2-carboxylate. This enzyme may function to degrade dietary proteins that contain trans-3-hydroxy-L-proline as well as other proteins such as collagen IV. The encoded protein can be converted to an epimerase by changing a threonine to a cysteine at a catalytic site. [provided by RefSeq, Sep 2016],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products ImagesWestern blot analysis of lysates from VEC cells,
primary antibody was diluted at 1:1000, 4° over night