

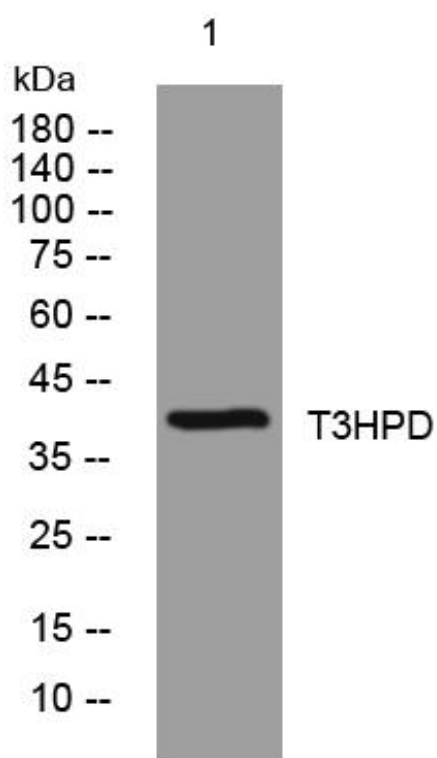


T3HPD mouse mAb

Catalog No	YP-mAb-07948
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	L3HYPDH C14orf149
Protein Name	T3HPD
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	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Trans-L-3-hydroxyproline dehydratase (EC 4.2.1.77) (Trans-3-hydroxy-L-proline dehydratase)
Observed Band	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 Images

Western Blot analysis of various cells using T3HPD mouse mAb