



# T3HPD mouse mAb

<b>Catalog No</b>	BYmab-07948
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	L3HYPDH C14orf149
<b>Protein Name</b>	T3HPD
<b>Immunogen</b>	Synthesized peptide derived from human T3HPD AA range: 11-61
<b>Specificity</b>	This antibody detects endogenous levels of T3HPD at Human/Mouse
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.62% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Trans-L-3-hydroxyproline dehydratase (EC 4.2.1.77) (Trans-3-hydroxy-L-proline dehydratase)
<b>Observed Band</b>	38kD
<b>Cell Pathway</b>	
<b>Tissue Specificity</b>	Ubiquitously expressed.
<b>Function</b>	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.,
<b>Background</b>	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

**Nanjing BYabscience technology Co.,Ltd**



by RefSeq, Sep 2016],

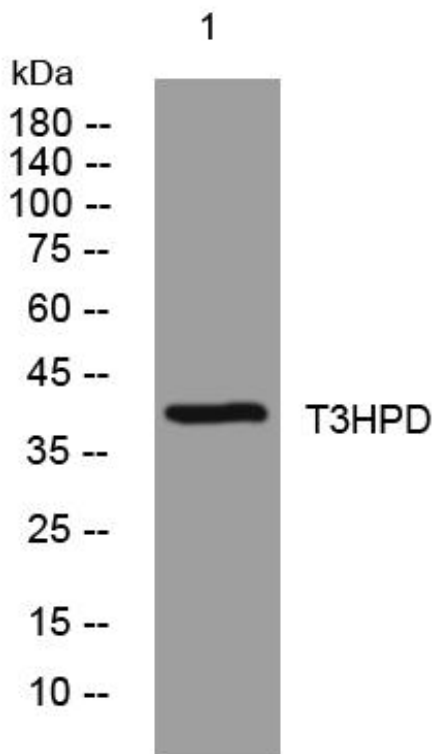
**matters needing attention**

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

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