

Datasheet for ABIN7091741
anti-Thymopoietin antibody



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Overview

Quantity:	100 µL
Target:	Thymopoietin (TMPO)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Thymopoietin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant human LAP2.
Clone:	A2D12
Predicted Reactivity:	Human

Target Details

Target:	Thymopoietin (TMPO)
Alternative Name:	TMPO (TMPO Products)
Background:	<p>Synonyms: LAP2, LAP2A_HUMAN, Isoforms beta/gamma, Lamina associated polypeptide 2 alpha, Lamina associated polypeptide 2, Thymopoietin, Thymopoietin isoform alpha, TP alpha, TP, LAP2-alpha, LAP2 alpha.</p> <p>Background: Lamins are type V intermediate filament proteins and are grouped into constitutively expressed B-type lamins and developmentally regulated A-type lamins. Lamin-</p>

Target Details

binding proteins in the nuclear lamina and the nuclear interior include several protein families and/or types of proteins in higher eukaryotes such as the inner nuclear membrane proteins, lamin B receptor, emerin, MAN1, three isoforms of lamina-associated polypeptide 1 (LAP 1), and several isoforms of LAP 2. Up to six LAP 2 isoforms derive from a single gene by alternative splicing in mammals and various isoforms have been described in *Xenopus*. The best characterized LAP2 isoforms are the inner nuclear membrane protein LAP 2 beta and the nucleoplasmic protein LAP 2 alpha, which are identical in their N-terminal 187-amino acid constant region but differ in their C termini. LAP 2 alpha specifically interacts with A-type lamins within the nuclear interior as part of a detergent- and salt-resistant nucleoskeletal structure.

Gene ID: 7112

UniProt: [Q96RT1](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months