



## Datasheet for ABIN7264795 anti-Transportin 1 antibody



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### 1 Image

#### Overview

Quantity:	200 µL
Target:	Transportin 1 (TNPO1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Transportin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	A synthetic peptide of human TNPO1 (NP_002261.3).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	Transportin 1 (TNPO1)
Alternative Name:	TNPO1 ( <a href="#">TNPO1 Products</a> )
Background:	This gene encodes the beta subunit of the karyopherin receptor complex which interacts with nuclear localization signals to target nuclear proteins to the nucleus. The karyopherin receptor complex is a heterodimer of an alpha subunit which recognizes the nuclear localization signal and a beta subunit which docks the complex at nucleoporins. Alternate splicing of this gene

## Target Details

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results in two transcript variants encoding different proteins.

Molecular Weight: Observed\_MW: 85-102 kDa  
Calculated\_MW: 96 kDa/101 kDa/102 kDa

Gene ID: 3842

UniProt: [Q92973](#)

Pathways: [PI3K-Akt Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Cellular Glucan Metabolic Process](#), [Protein targeting to Nucleus](#), [CXCR4-mediated Signaling Events](#)

## Application Details

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Application Notes: WB 1:200-1:1000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

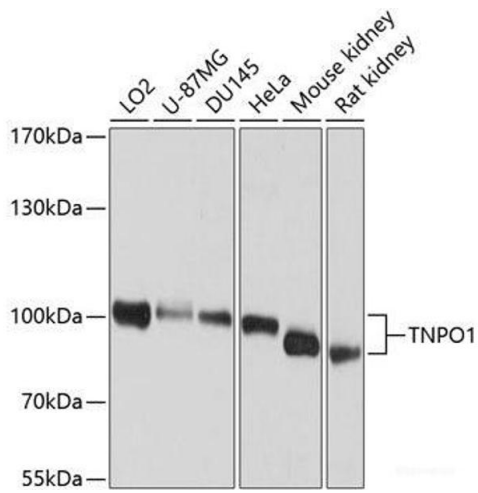
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines using TNPO1 Polyclonal Antibody at dilution of 1:1000.