Datasheet for ABIN7012492

anti-Transportin 1 antibody

1 Image

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Overview

Quantity:	60 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 (TNPO1 Products)
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

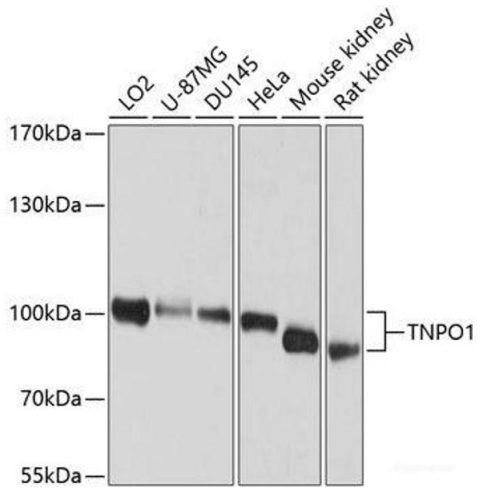
	results in two transcript variants encoding different proteins.
Molecular Weight:	Observed_MW: 85-102 kDa Calculated_MW: 96 kDa/101 kDa/102 kDa
Gene ID:	3842
UniProt:	Q92973
Pathways:	PI3K-Akt Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Cellular Glucan Metabolic Process, Protein targeting to Nucleus, CXCR4-mediated Signaling Events

Application Details

Application Notes:	WB 1:200-1:1000
Restrictions:	For Research Use only

Handling

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.