antibodies .- online.com







anti-Transportin 1 antibody (N-Term)

Images



Publication



()	1 /	-	r٧	/ 1	0	A .
	1//	\vdash	1 \/	/ I	_	۱/۱
\sim	٧.	\sim	1 V		$\overline{}$	V١

Quantity:	400 μL
Target:	Transportin 1 (TNPO1)
Binding Specificity:	AA 47-74, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Transportin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded
	Sections) (IHC (p))
Product Details	
Immunogen:	This TNPO1 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 47-74 amino acids from the N-terminal region of human TNP01.
Clone:	RB17873
Isotype:	lg Fraction
Predicted Reactivity:	B, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	Transportin 1 (TNPO1)

Target Details

Target Details		
Alternative Name:	TNP01 (TNP01 Products)	
Background:	TNP01 comprises 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.	
Molecular Weight:	102355	
Gene ID:	3842	
NCBI Accession:	NP_002261, NP_694858	
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: 1:1000. IHC-P: 1:50~100. FC: 1:10~50	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
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:	4 °C,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	

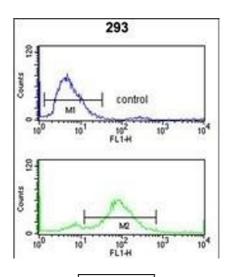
Publications

Product cited in:

Xu, Han, Epstein, Liu: "Regulation of PDK mRNA by high fatty acid and glucose in pancreatic

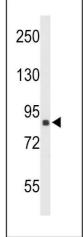
islets." in: **Biochemical and biophysical research communications**, Vol. 344, Issue 3, pp. 827-33, (2006) (PubMed).

Validation report #101148 for Western Blotting (WB)



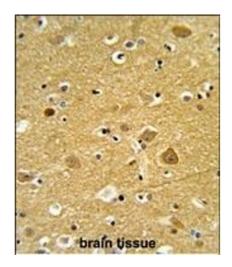
Flow Cytometry

Image 1. TNPO1 Antibody (N-term) (ABIN650673 and ABIN2838346) flow cytometry analysis of 293 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of TNPO1 Antibody (N-term) (ABIN650673 and ABIN2838346) in 293 cell line lysates (35 μ g/lane). TNPO1 (arrow) was detected using the purified Pab.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human brain tissue reacted with TNPO1 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.