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Datasheet for ABIN1387906
anti-Transportin 1 antibody

Overview

Quantity:	100 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), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Transportin 1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Transportin 1 (TNPO1)
Alternative Name:	Transportin 1 (TNPO1 Products)
Background:	Synonyms: Importin 2, Importin beta 2, IPO 2, IPO2, Karyopherin importin beta 2, Karyopherin beta 2, KPN B2, KPNB 2, KPNB2, M9 interacting protein, M9 region interacting protein, M9 region interaction protein, M9-interacting protein, MIP 1, MIP, MIP1, TNPO 1, TNPO1,

Target Details

Transportin 1, Transportin, Transportin-1, Transportin1, TRN, TNPO1_HUMAN.

Background: Transportin 1 is the beta subunit of the karyopherin receptor complex which interacts with nuclear localization signals to target 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 results in two transcript variants encoding different proteins. In cases of HIV-1 infections, transportin 1 is known to bind and mediate the nuclear import of HIV-1 Rev.

Gene ID: 3842

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 1:300-5000
IHC-P 1:200-400
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 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