



Anti-TNPO1 (aa 25-141) polyclonal antibody (DPAB-DC1800)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 results in two transcript variants encoding different proteins.
Immunogen	TNPO1 (NP_002261, 25 a.a. ~ 141 a.a) partial recombinant protein with GST tag. The sequence is PDTTIQRTVQQKLEQLNQYPDFNNYLIFVLTKLKSEDEPTRSLSGILKNNVKAHFQNF NGVTDFIKSECLNIGDSSPLIRATVGILITTIASKGELQNWPDLLPKLCSLLDSED
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	TNPO1 transportin 1 [Homo sapiens (human)]
Official Symbol	TNPO1
Synonyms	TNPO1; transportin 1; MIP; TRN; IPO2; MIP1; KPNB2; transportin-1; importin 2; importin beta 2; importin beta-2; karyopherin beta-2; M9 region interaction protein; karyopherin (importin) beta 2;
Entrez Gene ID	3842
Protein Refseq	NP_002261
UniProt ID	A0A024RAM0
Chromosome Location	5q13.2
Pathway	Gene Expression; Tristetraprolin (TTP) destabilizes mRNA;
Function	Ran GTPase binding; nuclear localization sequence binding; poly(A) RNA binding; protein binding