

TNPO1 monoclonal antibody (M01), clone 3G2

Catalog # H00003842-M01

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TNPO1.
Immunogen	TNPO1 (NP_002261, 25 a.a. ~ 141 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PDTTIQRTVQQKLEQLNQYPDFNNYLIFVLTKLKSEDEPTRSLSGILKNNVKAHFQNFPGVTDFIK SECLNIGDSSPLIRATVGILITTIASKGELQNWPDLLPKLCSLLDSED
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (100)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — TNPO1

Entrez GeneID	3842
GeneBank Accession#	NM_002270

Protein Accession#	NP_002261
Gene Name	TNPO1
Gene Alias	IPO2, KPNB2, MIP, MIP1, TRN
Gene Description	transportin 1
Omim ID	602901
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	M9 region interaction protein OTTHUMP00000126960 importin 2 importin beta 2 karyopherin (importin) beta 2