



Anti-TPR (aa 1-98) polyclonal antibody (DPAB-DC3102)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a large coiled-coil protein that forms intranuclear filaments attached to the inner surface of nuclear pore complexes (NPCs). The protein directly interacts with several components of the NPC. It is required for the nuclear export of mRNAs and some proteins. Oncogenic fusions of the 5 end of this gene with several different kinase genes occur in some neoplasias.
Immunogen	TPR (NP_003283, 1 a.a. ~ 98 a.a) partial recombinant protein with GST tag. The sequence is MAAVLQQVLERTELNKLPSVQNKLEKFLADQQSEIDGLKGRHEKFKVESEQQYFEIEKR LSHSQERLVNETRECQSLRLELEKLNNQLKALTEKNKE
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	TPR translocated promoter region, nuclear basket protein [Homo sapiens (human)]
Official Symbol	TPR
Synonyms	TPR; translocated promoter region, nuclear basket protein; nucleoprotein TPR; megator; tumor potentiating region; NPC-associated intranuclear protein; translocated promoter region protein; nuclear pore complex-associated protein TPR; translocated promoter region (to activated MET oncogene);
Entrez Gene ID	7175
Protein Refseq	NP_003283
UniProt ID	P12270
Chromosome Location	1q25
Pathway	Antiviral mechanism by IFN-stimulated genes; Cell Cycle, Mitotic; Disease; Gene Expression
Function	chromatin binding; dynein complex binding; heat shock protein binding; mRNA binding