

TAP rabbit pAb

Cat#: orb766431 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	TAP rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human NXF1. AA range:1-50
Specificity	TAP Polyclonal Antibody detects endogenous levels of TAP protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Nuclear RNA export factor 1
Gene Name	NXF1
Cellular localization	Nucleus . Nucleus, nucleoplasm . Nucleus speckle . Nucleus, nuclear pore complex . Nucleus envelope . Cytoplasm . Cytoplasm, Stress granule . Localized predominantly in the nucleoplasm and at both the nucleoplasmic and cytoplasmic faces of the nuclear por
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

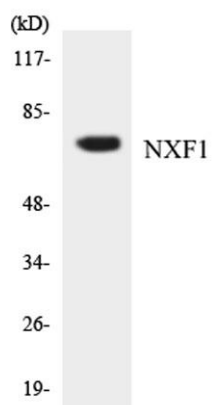
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	70kD
Human Gene ID	10482
Human Swiss-Prot Number	Q9UBU9
Alternative Names	NXF1; TAP; Nuclear RNA export factor 1; Tip-associated protein; Tip-associating protein; mRNA export factor TAP

Background

This gene is one member of a family of nuclear RNA export factor genes. Common domain features of this family are a noncanonical RNP-type RNA-binding domain (RBD), 4 leucine-rich repeats (LRRs), a nuclear transport factor 2 (NTF2)-like domain that allows heterodimerization with NTF2-related export protein-1 (NXT1), and a ubiquitin-associated domain that mediates interactions with nucleoporins. The LRRs and NTF2-like domains are required for export activity. Alternative splicing seems to be a common mechanism in this gene family. The encoded protein of this gene shuttles between the nucleus and the cytoplasm and binds in vivo to poly(A)⁺ RNA. It is the vertebrate homologue of the yeast protein Mex67p. The encoded protein overcomes the mRNA export block caused by the presence of saturating amounts of CTE (constitutive transport element) RNA of type D retroviruses. Alternative splicing results



Western Blot analysis of various cells using TAP Polyclonal Antibody diluted at 1:2000



Western blot analysis of the lysates from HeLa cells using NXF1 antibody.