

**Anti-Human NXF1 Polyclonal Antibody****Polyclonal Antibody****Cat.NO.: PA05973**

3th Edition

**Description:** 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 in multiple transcript variants. NXF1 (Nuclear RNA Export Factor 1) is a Protein Coding gene. Diseases associated with NXF1 include Influenza. Among its related pathways are mRNA Splicing - Major Pathway and Influenza A. GO annotations related to this gene include poly(A) RNA binding and nucleotide binding. An important paralog of this gene is NXF2.

**Antigen:** Synthesized peptide derived from the N-terminal region of human TAP

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:** Expressed ubiquitously.