

## Product datasheet for **TA347570**

### **NXF1 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:3000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-NXF1 Antibody: A synthesized peptide derived from human NXF1
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20?. Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Affinity-chromatography
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	70 kDa
Gene Name:	nuclear RNA export factor 1
Database Link:	<a href="#">NP_006353</a> <a href="#">Entrez Gene 10482 Human</a> <a href="#">Q9UBU9</a>



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**Background:**

NXF1 Involved in the nuclear export of mRNA species bearing retroviral constitutive transport elements (CTE) and in the export of mRNA from the nucleus to the cytoplasm. The NXF1-NXT1 heterodimer is involved in the export of HSP70 mRNA in conjunction with THOC4 and THOC5. Belongs to the NXF family. Heterodimer with NXT1. Interacts (via NTF2 domain) with NXT1. The formation of NXF1/NXT1 heterodimers is required for the NXF1-mediated nuclear mRNA export. Interacts with NXT2, E1B-AP5, RAE1, THOC4 and with several nucleoporins. Is part of the exon junction complex (EJC) containing NCBP1, NCBP2, RNPS1, RBM8A, SRRM1, NXF1, RENT1, RENT2, RENT3A, RENT3B, THOC4 and/or REFBP2. Found in a mRNA complex with RENT3A and RENT3B. Interacts with FYTDD1/UIF, EIF4A3, NUPL2 and THOC5. Interacts with Saimiriine herpesvirus 2 TIP protein

**Synonyms:**

MEX67; TAP

**Note:**

NXF1 antibody detects endogenous levels of total NXF1

**Product images:**