

## **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: NP 006353

Entrez Gene 10482 Human

Q9UBU9



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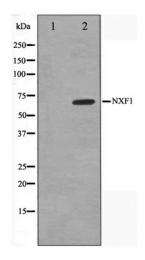
Background:

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 FYTTD1/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:**



Western blot analysis on HeLa cell lysate using NXF1 Antibody