Nuclear RNA Export Factor 3 (NXF3) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Nuclear RNA export factor 3 (NXF3), Polyclonal Antibody
Full Product Name	Rabbit anti-human Nuclear RNA export factor 3 polyclonal Antibody, FITC
Product Gene Name	anti-NXF3 antibody
Product Synonym Names	TAP-like protein 3; TAPL-3; NXF3; TAPL3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: Nuclear RNA export factor 3 (MBS1499044) FITC Conjugated Antibody: Nuclear RNA export factor 3 (MBS1497443)
Molecular Weight	26,653 Da
OMIM	300316
3D Structure	ModBase 3D Structure for Q9H4D5
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	FITC
Immunogen	Recombinant human Nuclear RNA export factor 3 protein(1-531aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-20892
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NXF3 antibody	ELISA (EIA)
Related Product Information for anti-NXF3 antibody	MBS1497443 is an antibody targeting NXF3. Also known as Rabbit anti-human Nuclear RNA export factor 3 polyclonal Antibody, FITC. Reactive in Human. Host: Rabbit. May function as a tissue-specific nuclear mRNA export factor.
Other Notes	Small volumes of anti-NXF3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NXF3. It may not necessarily be applicable to this product.

NCBI GI #	11545757
NCBI GeneID	56000
NCBI Accession #	NP_071335.1

UniProt Primary Accession #	Q9H4D5
UniProt Secondary Accession #	Q5H9I1; Q9H1A9; B4DYS7
UniProt Related Accession #	Q9H4D5
GenBank Nucleotide #	NM_022052.1
NCBI Official Full Name	nuclear RNA export factor 3
NCBI Official Synonym Full Names	nuclear RNA export factor 3
NCBI Official Symbol	NXF3
UniProt Protein Name	Nuclear RNA export factor 3
UniProt Synonym Protein Names	TAP-like protein 3; TAPL-3
Protein Family	Nuclear RNA export factor
UniProt Gene Name	NXF3
UniProt Synonym Gene Names	TAPL3; TAPL-3
UniProt Entry Name	NXF3_HUMAN
NCBI Protein Information	nuclear RNA export factor 3
NCBI Summary for NXF3	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 has shortened LRR and ubiquitin-associated domains and its RDB is unable to bind RNA. It is located in the nucleoplasm but is not associated with either the nuclear envelope or the nucleolus. [provided by RefSeq, Jul 2008]
UniProt Comments for NXF3	NXF3: May function as a tissue-specific nuclear mRNA export factor. Belongs to the NXF family. Chromosomal Location of Human Ortholog: Xq22 Cellular Component: cytoplasm; nuclear RNA export factor complex; nucleoplasm; nucleus Molecular Function: mRNA binding; nucleotide binding; protein binding Biological Process: mRNA export from nucleus; poly(A)+ mRNA export from nucleus
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