

## Rabbit NXF3 Polyclonal Antibody | anti-NXF3 antibody

NXF3 antibody - C-terminal region

|                               |                       |                                                                           |                                                           |
|-------------------------------|-----------------------|---------------------------------------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA198778</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Cow, Dog, Guinea Pig, Horse, Human, Pig, Rabbit, Rat</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry</b> |
|-------------------------------|-----------------------|---------------------------------------------------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

NXF3; Polyclonal Antibody; NXF3 antibody - C-terminal region; anti-NXF3 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Guinea Pig, Horse, Human, Pig, Rabbit, Rat                                                                                                  |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Protein A purified                                                                                                                                    |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: SS FLVDMWYQTE WMLCFSVNGV FKEVEGQSQG SVLAFTTRTFI ATPGSSSS                                                 |
| Sequence Length                                | 531                                                                                                                                                   |
| Applicable Applications for anti-NXF3 antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                         |
| Homology                                       | Cow: 92%; Dog: 92%; Guinea Pig: 77%; Horse: 79%; Human: 100%; Pig: 92%; Rabbit: 92%; Rat: 77%                                                         |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the C terminal region of human NXF3                                                             |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



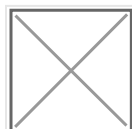
#### WB (Western Blot)

WB Suggested Anti-NXF3 Antibody Titration: 1.25ug/ml  
Positive Control: RPMI 8226 cell lysate  
NXF3 is supported by BioGPS gene expression data to be expressed in RPMI 8226



#### IHC (Immunohistochemistry)

Rabbit Anti-NXF3 Antibody  
Paraffin Embedded Tissue: Human Kidney  
Cellular Data: Epithelial cells of renal tubule  
Antibody Concentration: 4.0-8.0 ug/ml  
Magnification: 400X



#### IHC (Immunohistochemistry)

Rabbit Anti-NXF3 Antibody  
Paraffin Embedded Tissue: Human Heart  
Cellular Data: Myocardial cells  
Antibody Concentration: 4.0-8.0 ug/ml  
Magnification: 400X

ADDITIONAL INFORMATION

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|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NXF3 antibody | <p>This is a rabbit polyclonal antibody against NXF3. It was validated on Western Blot and immunohistochemistry</p> <p>Target Description: NXF3 is one member of a family of nuclear RNA export factors. 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. NXF3 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.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.</p> |
| Product Categories/Family for anti-NXF3 antibody   | Polyclonal; RNA Binding Proteins; Chromatin & Nuclear Signaling; E3 & Ubiquitin; DNA/RNA/Protein Interactions; Immunohistochemistry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                                  |                             |
|----------------------------------|-----------------------------|
| NCBI GI #                        | 11545757                    |
| NCBI GeneID                      | 56000                       |
| NCBI Accession #                 | NP_071335                   |
| NCBI GenBank Nucleotide #        | NM_022052                   |
| UniProt Accession #              | Q9H4D5                      |
| Molecular Weight                 | 58kDa                       |
| NCBI Official Full Name          | nuclear RNA export factor 3 |
| NCBI Official Synonym Full Names | nuclear RNA export factor 3 |
| NCBI Official Symbol             | NXF3                        |
| NCBI Protein Information         | nuclear RNA export factor 3 |
| UniProt Protein Name             | Nuclear RNA export factor 3 |
| UniProt Gene Name                | NXF3                        |
| UniProt Synonym Gene Names       | TAPL3; TAPL-3               |
| UniProt Entry Name               | NXF3_HUMAN                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.