



Datasheet for ABIN2776599
anti-NXF5 antibody (Middle Region)



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4 Images

Overview

Quantity:	100 µL
Target:	NXF5
Binding Specificity:	Middle Region
Reactivity:	Human, Dog, Rabbit, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NXF5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human NXF5
Sequence:	ITERNFPELL SLNLCNNKLY QLDGLSDITE KAPKVKTLNL SKNKLESAWE
Predicted Reactivity:	Dog: 86%, Human: 100%, Mouse: 79%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against NXF5. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	NXF5
Alternative Name:	NXF5 (NXF5 Products)

Target Details

Background: NXF5 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. 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. Five transcript variants that encode different isoforms have been found for this gene.

Protein Interaction Partner: NXF1,
Protein Size: 397

Molecular Weight: 44 kDa

Gene ID: 55998

NCBI Accession: [NM_032946](#), [NP_116564](#)

UniProt: [Q9H1B4](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 397 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

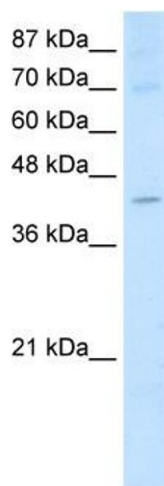
should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

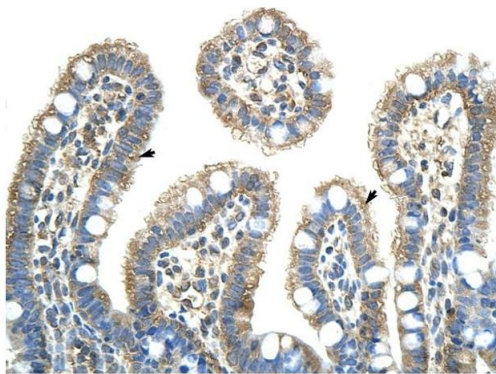
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

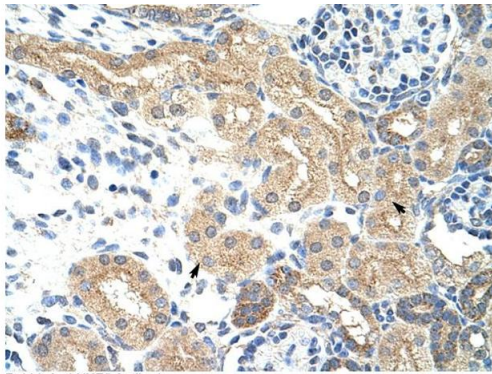
Image 1. WB Suggested Anti-NXF5 Antibody Titration: 2.5ug/ml Positive Control: Jurkat cell lysate



Rabbit Anti-NXF5 Antibody
Catalog Number: ARP41062
Lot Number: QC10149
Paraffin Embedded Tissue: Human Intestine
Cells with Positive label: Epithelial cells of intestinal villus (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Rabbit Anti-NXF5 Antibody Paraffin Embedded Tissue: Human Intestine Cellular Data: Epithelial cells of intestinal villas Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



Rabbit Anti-NXF5 Antibody
Catalog Number: ARP41062
Lot Number: QC10149
Paraffin Embedded Tissue: Human Kidney
Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 3. Rabbit Anti-NXF5 Antibody Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2776599.