

Product Datasheet

UFL1 Antibody - BSA Free NBP1-90691

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-90691

UFL1 Antibody - BSA Free

Product Information

| | |
|----------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |

Product Description

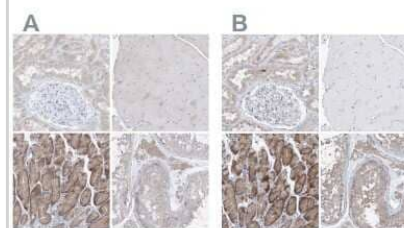
| | |
|-------------------------|---|
| Host | Rabbit |
| Gene ID | 23376 |
| Gene Symbol | UFL1 |
| Species | Human |
| Reactivity Notes | Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (87%), Rat (88%) |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: QAALTKHLLKSVCTDITNLIFNFLASDLMMAVDDPAAITSEIRKKILSKLSEETKVALTKLHNSLNEKSIEDFISCLDSAAEACDIMVKR |

Product Application Details

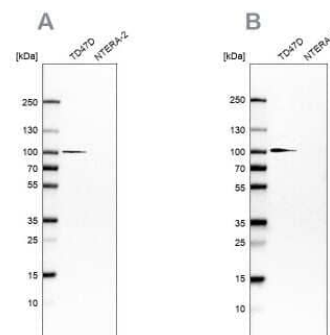
| | |
|------------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. |

Images

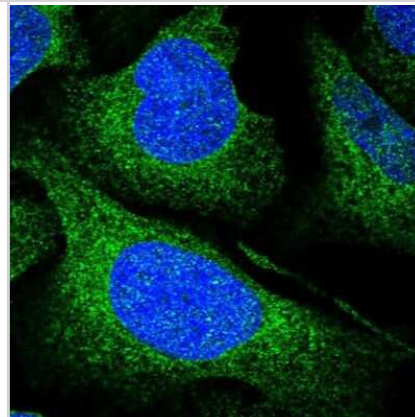
Immunohistochemistry-Paraffin: UFL1 Antibody [NBP1-90691] - Staining of human kidney, skeletal muscle, stomach and testis using Anti-UFL1 antibody NBP1-90691 (A) shows similar protein distribution across tissues to independent antibody NBP1-90692 (B).



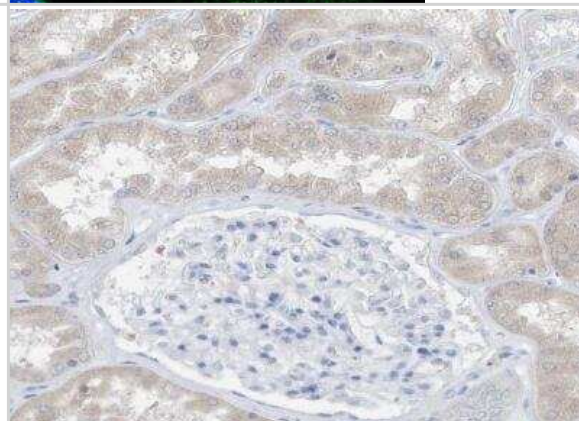
Western Blot: UFL1 Antibody [NBP1-90691] - Analysis using Anti-UFL1 antibody NBP1-90691 (A) shows similar pattern to independent antibody NBP1-90692 (B).



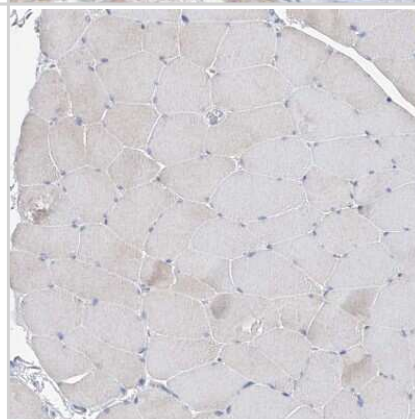
Immunocytochemistry/Immunofluorescence: UFL1 Antibody [NBP1-90691] - Staining of human cell line U-2 OS shows positivity in endoplasmic reticulum.



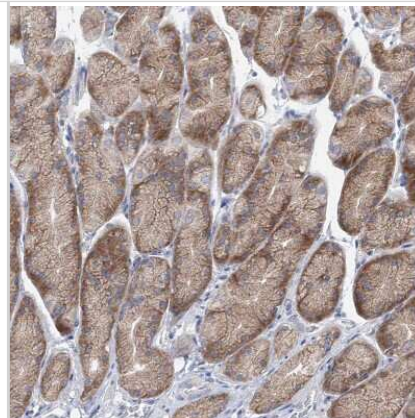
Immunohistochemistry-Paraffin: UFL1 Antibody [NBP1-90691] - Staining of human kidney shows very weak cytoplasmic positivity in cells in tubules.



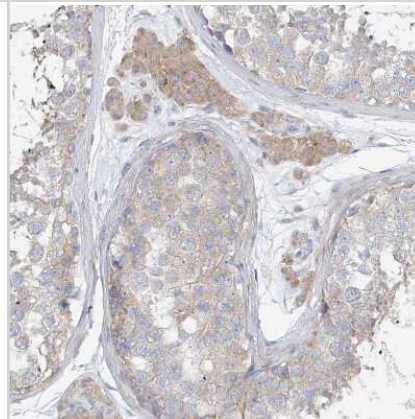
Immunohistochemistry-Paraffin: UFL1 Antibody [NBP1-90691] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: UFL1 Antibody [NBP1-90691] - Staining of human stomach shows weak to moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: UFL1 Antibody [NBP1-90691] - Staining of human testis shows weak to moderate cytoplasmic positivity in Leydig cells.



Publications

Liang JR, Lingeman E, Luong T et al. A Genome-wide ER-phagy Screen Highlights Key Roles of Mitochondrial Metabolism and ER-Resident UFMylation Cell 2020-03-19 [PMID: 32160526]



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Products Related to NBP1-90691

| | |
|---------------|---|
| NBP1-90691PEP | UFL1 Recombinant Protein Antigen |
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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