

NB100-2041**UCP3 Antibody****Unit Size**

0.1 mg

Concentration

Concentrations vary lot to lot. See vial label for concentration.

Storage

Store at -20C. Avoid freeze-thaw cycles.

Applications

WB, IHC, IHC-P

Species

Mouse, Rat, Canine

Host

Rabbit

Clonality

Polyclonal

Purity

Immunogen affinity purified

Preservative

0.05% Sodium Azide

Specificity/Sensitivity

Detects UCP 3 from human, rat and mouse tissues. This does not detect UCP 3 from mouse liver or kidney.

Immunogen

Synthetic peptide: CR(295)ALMKVQVLRESPF(308). Immunizing peptide corresponds to amino acid residues 295-308 of the mouse and rat UCP 3 protein. This peptide differs from the porcine and human UCP 3 sequence by a single amino acid substitution.

Recommended Dilutions

Western Blot 1 ug/ml, Immunohistochemistry-Paraffin, Immunohistochemistry

Buffer

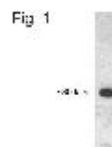
PBS and 1 mg/ml BSA

Uses

Western Blot: use at a concentration of 1 ug/ml. Not tested in other species. Optimal dilutions / concentrations should be determined by the end user. By Western blot, this antibody detects an ~30 kDa protein representing UCP 3 from rat heart homogenate.

References

Mayrhofer C, Krieger S, Huttary N, et al. Alterations in Fatty Acid Utilization and Impaired Antioxidant Defense Mechanism Are Early Events in Podocyte Injury: A Proteomic Analysis. 174(4):1191-1202. 2009. [PMID: 19264907]

ImagesWestern Blot on Recombinant Protein: UCP3
Antibody [NB100-2041] Detection of recombinant human UCP3.

Updated 3/9/2013 2.0

Limitations: This product is for research use only and is not approved for use in humans or in clinical diagnosis. Products are guaranteed for six months from the date of receipt except for peptides and proteins which are guaranteed for 3 months. **For more information on our guarantee, please visit www.novusbio.com/guarantee.**

Novus USA
 8100 Southpark Way, A-8
 Littleton, CO 80120
 p) 888-506-6887
 p) 303-730-1950
 f) 303-730-1966
novus@novusbio.com
Novus Canada
 461 North Service Road West,
 Unit B37
 Oakville, ON L6M 2V5
 p) 855-668-8722
 f) 905-827-6402
canada@novusbio.com
Novus Europe
 12 Cambridge Science Park
 Cambridge, UK CB4 0FQ
 UK: p) +44-1223-426-001, f) +44-871-971-1635
 DE: p) +49-6922-22340-60, f) +49-0800-58926-79
 IT: p) +39-02-4032-6786, f) +39-02-4032-6340
 FR: p) +33-1-76-77-45-30, f) +33-1-76-77-45-31
europe@novusbio.com
