

Product Datasheet

UCP4 Antibody NB100-66495

Unit Size: 0.5 ml

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

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NB100-66495**UCP4 Antibody**

Product Information	
Unit Size	0.5 ml
Concentration	5.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein G purified
Buffer	Phosphate buffered saline

Product Description	
Host	Rabbit
Gene ID	9481
Gene Symbol	SLC25A27
Species	Non-species specific
Reactivity Notes	Chemical
Specificity/Sensitivity	UNCOUPLING PROTEIN 4
Immunogen	Synthetic peptide corresponding to the amino acids 271 - 283 of the native molecule conjugated to Keyhole limpet Haemocyanin. Peptide Sequence K-S-S-T-D-C-L-I-Q-A-V-Q-G

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:2000
Application Notes	In reduced blots on bovine brown adipose tissue homogenates, this antibody recognises specific bands at 34 & 44kD and other bands at 50 & 60 kD that can be blocked with KLH.

Publications

Alves-Bezerra M, Cosentino-Gomes D, Vieira LP et al. Identification of uncoupling protein 4 from the blood-sucking insect *Rhodnius prolixus* and its possible role on protection against oxidative stress. *Insect Biochem. Mol. Biol.* 2014-04-16 [PMID: 24746771] (WB, Insect (*Rhodnius prolixus*))





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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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