

# Product Datasheet

## UCP5 Antibody - BSA Free

### NBP1-59598

Unit Size: 100 ul

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

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**NBP1-59598**

UCP5 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1 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 A purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	21 kDa

Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	9016
Gene Symbol	SLC25A14
Species	Human, Mouse
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:31907603).
Immunogen	Synthetic peptides corresponding to SLC25A14(solute carrier family 25 (mitochondrial carrier, brain), member 14) The peptide sequence was selected from the N terminal of SLC25A14 (CAI42439). Peptide sequence SIVAEFGTFPVDLTKTRLQVQGQSIDARFKEIKYRGMFHALFRICKEEGV The peptide sequence for this immunogen was taken from within the described region.

Product Application Details	
Applications	Western Blot, Immunohistochemistry
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry Reported in scientific literature (PMID: 31907603)

**Images**

Western Blot: UCP5 Antibody [NBP1-59598] - Jurkat cell lysate, concentration 2.5 ug/ml.



## Publications

Ko J ALTERNATIVE POLYADENYLATION MODULATES EXPRESSION OF PRO-FIBROTIC PROTEINS AND CONTRIBUTES TO LUNG FIBROSIS Thesis 2020-01-01 (WB, Human)

Ferrer I, Andres-Benito P, Zelaya Mv et Al. Familial globular glial tauopathy linked to MAPT mutations: molecular neuropathology and seeding capacity of a prototypical mixed neuronal and glial tauopathy Acta Neuropathol. 2020-04-01 [PMID: 31907603] (ICC/IF, IF/IHC, Human, Mouse)

Ko J, Mills T, Huang J et al. Transforming growth factor beta 1 alters the 3'UTR of mRNA to promote lung fibrosis J. Biol. Chem. [PMID: 31488543] (WB)





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### **Products Related to NBP1-59598**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-56930PEP	UCP5 Recombinant Protein Antigen

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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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