

# Product Datasheet

## MCT2 Antibody - BSA Free NBP1-87846

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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Updated 12/2/2025 v.20.1

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**NBP1-87846**

MCT2 Antibody - BSA Free

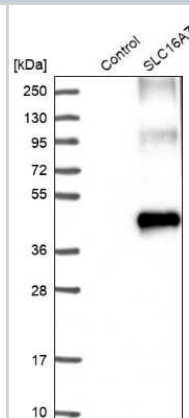
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit MCT2 Antibody - BSA Free (NBP1-87846) is a polyclonal antibody validated for use in IHC and WB. Anti-MCT2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9194
Gene Symbol	SLC16A7
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GPNQTTSKSKNKTGKTEDDSSPKKIKTKKSTWEKVNKYLDFS

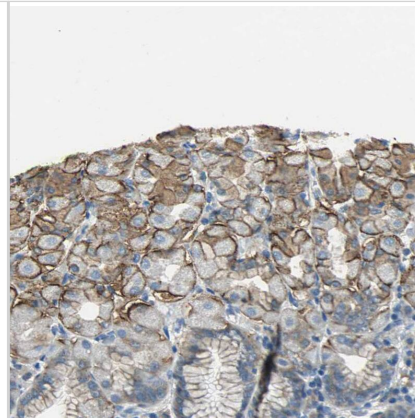
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

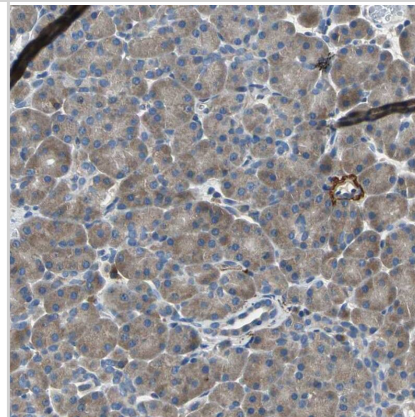
Western Blot: MCT2 Antibody [NBP1-87846] - Analysis in control (vector only transfected HEK293T lysate) and SLC16A7 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



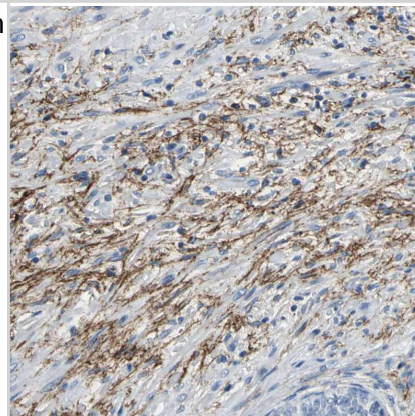
Staining of human stomach shows strong membranous positivity in glandular cells.



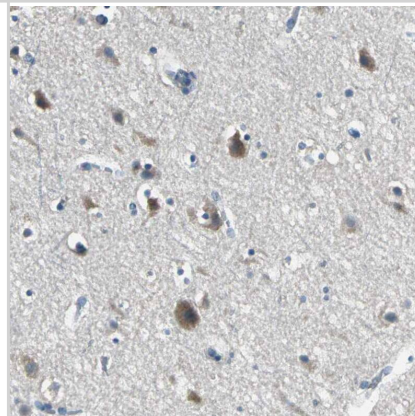
Staining of human pancreas shows moderate cytoplasmic positivity in exocrine glandular cells.



Staining of human prostate shows strong cytoplasmic positivity in smooth muscle cells.



Staining of human cerebral cortex shows moderate cytoplasmic positivity in neurons.



## Publications

Alhamyani A, Mahmood ASMH, Alshamrani A et al. Central Type II Glucocorticoid Receptor Regulation of Ventromedial Hypothalamic Nucleus Glycogen Metabolic Enzyme and Glucoregulatory Neurotransmitter Marker Protein Expression in the Male Rat J Endocrinol Diabetes 2021-01-13 [PMID: 34258390] (Western Blot)

Macchi C, Moregola A, Greco MF, Svecla M et Al. Monocarboxylate transporter 1 deficiency impacts CD8(+) T lymphocytes proliferation and recruitment to adipose tissue during obesity iScience 2022-06-16 [PMID: 35707720]





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### **Products Related to NBP1-87846**

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NBP1-87846PEP	MCT2 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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