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PRODUCT DATASHEET

Anti-Mitochondrial uncoupling protein 3 (UCP 3) Antibody

Product Details

Available Variants	100 µL (SKU:C-1542-100)
Conjugate	Unconjugated
Isotype	IgY
Host Species	Chicken
Format	Affinity-purified
Physical State	Liquid
Buffer	PBS with 0.02% sodium azide.
Applications	WB
Dilution Ranges	WB: 1:1000-1:5000
Species Reactivity	Human, Mouse, Pig, Rat
Immunogen	A peptide from the C-terminus of human Uncoupling Protein 3 (298-312 aa).
Specificity	This antibody detects UCP3 at approx 35 kDa. Human, mouse, rat, Porcine.
Molecular Weight	35 kDa
Storage	Short term storage at 2-8°C for one week. At -20°C as an undiluted liquid for up to 12 months.
UniProt ID	P55916 UniProt Summary: Putative transmembrane transporter that plays a role in mitochondrial metabolism via an as yet unclear mechanism. Originally, this mitochondrial protein was thought to act as a proton transmembrane transporter from the mitochondrial intermembrane space into the matrix, causing proton leaks through the inner mitochondrial membrane, thereby uncoupling mitochondrial membrane potential generation from ATP synthesis. However, this function is controversial and uncoupling may not be the function,

	or at least not the main function, but rather a consequence of more conventional metabolite transporter activity.
Country of Origin	United States
Shipping	2-8°C (on cold packs)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.
NCBI Gene ID	7352

Product Images



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