antibodies -online.com







Images



Go to Product page

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Quantity:	100 μL
Target:	UCP2
Binding Specificity:	AA 150-304
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UCP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)
Product Details	
Immunogen:	UCP2 (Ala150-Ser304)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against UCP2. It has been selected for its
	ability to recognize UCP2 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography
Target Details	
Target:	UCP2
Alternative Name:	Uncoupling Protein 2, Mitochondrial (UCP2) (UCP2 Products)
Background:	Alternative Names: SLC25A8, UCPH, Solute carrier family 25 member 8

Pathways:

Negative Regulation of Hormone Secretion, Carbohydrate Homeostasis, Proton Transport

Application Details

Application Notes:

Western blotting: 1:50-400 Immunocytochemistry in formalin fixed cells: 1:50-500
 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Immunohistochemistry in paraffin section: 1:10-100 Enzyme-linked Immunosorbent Assay: 1:100-1:5000 Optimal working dilutions must be determined by end user.

Comment:

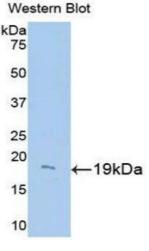
The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions:

For Research Use only

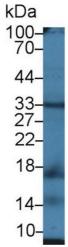
Handling

Format:	Liquid		
Concentration:	Lot specific		
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.		
Preservative:	Sodium azide		
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled.		
	Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or		
	eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a		
	physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute		
	azide-containing compounds in running water before discarding to avoid accumulation of		
	potentially explosive deposits in lead or copper plumbing.		
Handling Advice:	Avoid repeated freeze-thaw cycles.		
Storage:	4 °C		
Storage Comment:	Store at 2-8 °C for one month. Aliquot and store at -80 °C for 12 months.		
Expiry Date:	12 months		



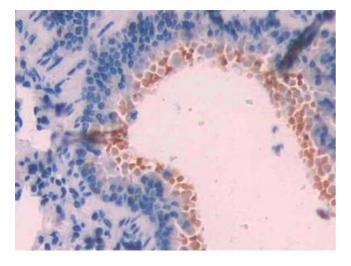
Western Blotting

Image 1.



Western Blotting

Image 2. Western Blot; Sample: Mouse Cardiac Muscle lysate; Primary Ab: 1μg/ml Rabbit Anti-Mouse UCP2 Antibody Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



Immunohistochemistry

Image 3. Used in DAB staining on fromalin fixed paraffinembedded liver tissue

Please check the product details page for more images. Overall 4 images are available for ABIN1175761.