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Datasheet for ABIN6757247 **anti-SLC25A27 antibody (N-Term)**

Overview

Quantity:	100 µg
Target:	SLC25A27
Binding Specificity:	N-Term
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC25A27 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A 14 amino acid peptide sequence (KLH coupled) within the N-terminal, 1st extracellular region of rat UCP4 (1). This sequence is 100% conserved in all 3 UCP4 isoforms a (322aa), b (344aa), and c (365aa), and has no appreciable homology with UCP1-3/UCP5.
Isotype:	IgG
Specificity:	Recognizes rat UCP4. Sequence Homology: UCP4 isoforms a (322aa), b (344aa), and c (365aa) -100 % , and has no appreciable homology with UCP1-3/UCP5 or any other protein. Species sequence Homology: human-85 %, mouse -78 %.
Purification:	Immunoaffinity purified

Target Details

Target:	SLC25A27
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Target Details

Alternative Name:	SLC25A27/ UCP4 (SLC25A27 Products)
Background:	Name/Gene ID: SLC25A27 Subfamily: Mitochondrial carrier Family: Transporter Synonyms: SLC25A27, RP11-446F17.2, UCP 4, UCP4, Uncoupling protein 4
Gene ID:	9481
UniProt:	O95847

Application Details

Application Notes:	Approved: ELISA (1:10000 - 1:100000), WB (1 - 10 µg/mL) Usage: Suitable for use in ELISA and Western Blot.
Comment:	Target Species of Antibody: Rat
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.1 % BSA, 40 % glycerol.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.