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anti-SLC25A25 antibody (N-Term)

2 Images

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Publications



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Overview		
Quantity:	400 μL	
Target:	SLC25A25	
Binding Specificity:	AA 63-93, N-Term	
Reactivity:	Human, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SLC25A25 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Immunogen:	This SLC25A25 antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 63-93 amino acids from the N-terminal region of human SLC25A25.	
Isotype:	lg Fraction	
Predicted Reactivity:	Zf, B, M, X	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	SLC25A25	
Alternative Name:	SLC25A25 (SLC25A25 Products)	
Background:	Calcium-dependent mitochondrial solute carrier. Mitochondrial solute carriers shuttle	

Target Details

	metabolites, nucleotides, and cofactors through the mitochondrial inner membrane. May act as a ATP-Mg/Pi exchanger that mediates the transport of Mg-ATP in exchange for phosphate, catalyzing the net uptake or efflux of adenine nucleotides into or from the mitochondria.
Molecular Weight:	52663
NCBI Accession:	NP_001006642, NP_001006643, NP_001252543, NP_443133
UniProt:	Q6KCM7

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:25
Restrictions:	For Research Use only

Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Expiry Date:	6 months	

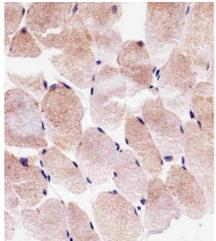
Publications

Product cited in:

Guzel, Yazici, Pek, Doganay, Simsek, Saglam, Turan, Yazici: "Atrial natriuretic peptide and posterior pituitary neurohormone changes in patients with acute schizophrenia." in:

Neuropsychiatric disease and treatment, Vol. 14, pp. 1855-1860, (2018) (PubMed).

Yuksel, Ital, Balaban, Kocak, Seven, Kucur, Erbakirci, Keskin: "Immediate breastfeeding and skinto-skin contact during cesarean section decreases maternal oxidative stress, a prospective randomized case-controlled study." in: **The journal of maternal-fetal & neonatal medicine**, Vol. 29, Issue 16, pp. 2691-6, (2017) (PubMed).



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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffinembedded H. skeletal muscle section using SLC25A25 Antibody (N-term) A. A was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

Western Blotting

Image 2. SLC25A25 Antibody (N-term) (ABIN1881810 and ABIN2843612) western blot analysis in U-937 cell line and rat cerebellum tissue lysates (35 μ g/lane).This demonstrates the SLC25A25 antibody detected the SLC25A25 protein (arrow).