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Datasheet for ABIN651680
anti-TXTP antibody (AA 142-170)

3 Images

Overview

Quantity:	400 µL
Target:	TXTP
Binding Specificity:	AA 142-170
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXTP antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This TXTP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 142-170 amino acids from the Central region of human TXTP.
Clone:	RB26946
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TXTP
Alternative Name:	TXTP (TXTP Products)

Target Details

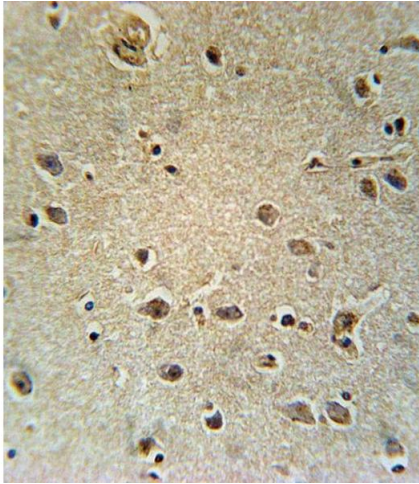
Background:	Citrate transport protein (CTP) is involved in citrate-H(+)/malate exchange and is important for the bioenergetics of hepatic cells as it provides a carbon source for fatty acid and sterol biosyntheses, and NAD ⁺ for the glycolytic pathway.
Molecular Weight:	34013
Gene ID:	6576
NCBI Accession:	NP_005975
UniProt:	P53007

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

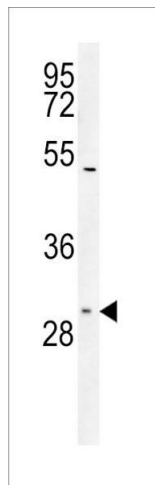
Handling

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
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



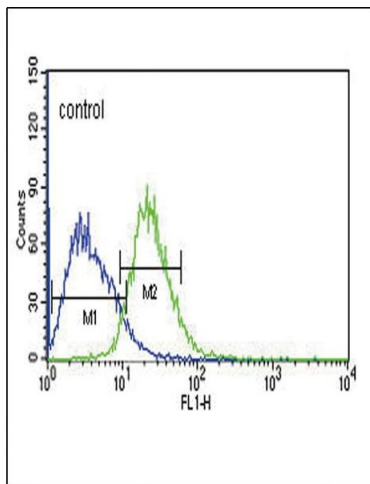
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. TXTP Antibody (Center) (ABIN651680 and ABIN2840357) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TXTP Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. TXTP Antibody (Center) (ABIN651680 and ABIN2840357) western blot analysis in Jurkat cell line lysates (35 µg/lane). This demonstrates the TXTP antibody detected the TXTP protein (arrow).



Flow Cytometry

Image 3. TXTP Antibody (Center) (ABIN651680 and ABIN2840357) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.