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Datasheet for ABIN7173376

anti-TCHP antibody (AA 1-498) (HRP)

Overview

Quantity:	100 µg
Target:	TCHP
Binding Specificity:	AA 1-498
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCHP antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Trichoplein keratin filament-binding protein (1-498AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	TCHP
Alternative Name:	TCHP (TCHP Products)
Background:	Background: Tumor suppressor which has the ability to inhibit cell growth and be pro-apoptotic during cell stress. Inhibits cell growth in bladder and prostate cancer cells by a down-regulation

Target Details

of HSPB1 by inhibiting its phosphorylation. May act as a 'capping' or 'branching' protein for keratin filaments in the cell periphery. May regulate K8/K18 filament and desmosome organization mainly at the apical or peripheral regions of simple epithelial cells (PubMed:15731013, PubMed:18931701). Is a negative regulator of ciliogenesis (PubMed:25270598).

Aliases: TCHP antibody, Trichoplein keratin filament-binding protein antibody, Protein TCHP antibody, Mitochondrial protein with oncostatic activity antibody, Mitostatin antibody, Tumor suppressor protein antibody

UniProt: [Q9BT92](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.