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Datasheet for ABIN1738654
anti-PDHE1 antibody (pSer293)

1 Image

Overview

Quantity:	50 µL
Target:	PDHE1
Binding Specificity:	pSer293
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDHE1 antibody is un-conjugated
Application:	Immunocytochemistry (ICC), Immunofluorescence (IF), Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide surrounding the phosphorylated serine 293 of the human PDHE1 alpha protein
Specificity:	Reacts with PDHE1 alpha phosphorylated Serine 293 from human, mouse and rat
Purification:	Antigen affinity purified

Target Details

Target:	PDHE1
Alternative Name:	Pyruvate dehydrogenase E1 (PDHE1 Products)
Background:	The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO ₂ , and thereby links the glycolytic pathway to the tricarboxylic cycle.

Target Details

Gene ID: 5160

Application Details

Application Notes: Working dilution: Optimal dilution should be determined by the end user.
The following are guidelines only:
WB1:1000 - 1:5000 ICC/IF1:50 -1:250

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Tris-citrate, phosphate, (pH 7-8) buffer, Sodium azide 0.1 %

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

Storage Comment: Store at 4°C. Do not freeze.

Images



Detection of PDHE1 alpha [S293] in an in vitro autophosphorylation of PDH complex in response to different stimulants: (-) none, H2O2-hydrogen peroxide, AR-anhydroretinol, Rol-retinol, RA-retinoic acid, PMA, Lipid-PKC lipid activator

Image 1.