Datasheet for ABIN1881270

anti-DPP4 antibody (N-Term)

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Overview

Quantity:	400 µL
Target:	DPP4
Binding Specificity:	AA 46-74, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPP4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This DPP4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 46-74 amino acids from the N-terminal region of human DPP4.
Clone:	RB41440
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	DPP4
Alternative Name:	DPP4 (DPP4 Products)
Background:	The protein encoded by this gene is identical to adenosine deaminase complexing protein-2,

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Target Details

	and to the T-cell activation antigen CD26. It is an intrinsic membrane glycoprotein and a serine exopeptidase that cleaves X-proline dipeptides from the N-terminus of polypeptides.
Molecular Weight:	88279
NCBI Accession:	NP_001926
UniProt:	P27487
Pathways:	Peptide Hormone Metabolism, Regulation of Leukocyte Mediated Immunity

Application Details

Application Notes:	WB: 1:1000
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:	Maeda, Inoguchi, Takei, Sawada, Sasaki, Fujii, Kobayashi, Urata, Nishiyama, Takayanagi: " Inhibition of chymase protects against diabetes-induced oxidative stress and renal dysfunction in hamsters." in: **American journal of physiology. Renal physiology**, Vol. 299, Issue 6, pp. F1328-38, (2010) (PubMed).

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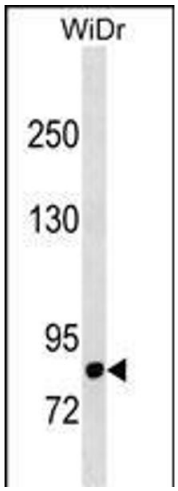

Western Blotting

Image 1. D Antibody (N-term) (ABIN1881270 and ABIN2838813) western blot analysis in WiDr cell line lysates (35 µg/lane).This demonstrates the D antibody detected the D protein (arrow).