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Datasheet for ABIN7117082 **anti-NUDT3 antibody**

Overview

Quantity:	100 µg
Target:	NUDT3
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUDT3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	nudix(nucleoside diphosphate linked moiety X)-type motif 3
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	NUDT3
Alternative Name:	NUDT3 (NUDT3 Products)
Background:	Synonyms:DIPP, DIPP1 Background:Cleaves a beta-phosphate from the diphosphate groups in PP-InsP5(diphosphoinositol pentakisphosphate) and [PP]2-InsP4(bisdiphosphoinositol tetrakisphosphate), suggesting that it may play a role in signal transduction. InsP6(inositol hexakisphosphate) is not a substrate. Acts as a negative regulator of the ERK1/2 pathway. Also

Target Details

	able to catalyze the hydrolysis of dinucleoside oligophosphates, with Ap6A and Ap5A being the preferred substrates. The major reaction products are ADP and p4a from Ap6A and ADP and ATP from Ap5A. Also able to hydrolyze 5-phosphoribose 1-diphosphate.
Molecular Weight:	20-30kd
Gene ID:	11165
UniProt:	O95989

Application Details

Application Notes:	WB: 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months