

Datasheet for ABIN2790830

anti-NUDT14 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	NUDT14
Binding Specificity:	Middle Region
Reactivity:	Human, Cow, Mouse, Rat, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUDT14 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human NUDT14
Sequence:	SRQTMFYTEV TDAQRSGPGG GLVEEGELIE VVHLPLEGAQ AFADDPDIPK
Predicted Reactivity:	Cow: 85%, Dog: 85%, Guinea Pig: 92%, Horse: 92%, Human: 100%, Mouse: 92%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against NUDT14. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NUDT14
Alternative Name:	NUDT14 (NUDT14 Products)
Background:	UDP-glucose (UDPG) acts as the sugar donor in numerous glycosylation reactions, including

Target Details

those involved in the production of glycogen. NUDT14 is a UDPG pyrophosphatase that hydrolyzes UDPG to produce glucose 1-phosphate and UMP.

Alias Symbols: UGPP, UGPPase

Protein Interaction Partner: NUDT14, LNX1, NIF3L1, WDYHV1, ZCCHC10, REL, TERF2IP, TERF1, ARAF, RAF1,

Protein Size: 222

Molecular Weight: 24 kDa

Gene ID: 256281

NCBI Accession: [NM_177533](#), [NP_803877](#)

UniProt: [O95848](#)

Application Details

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

Comment: Antigen size: 222 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit Target Name: NUDT14 Sample Type: Fetal Heart lysates Antibody Dilution: 1.0ug/ml