

Datasheet for ABIN5541551
anti-NUDT1 antibody (AA 1-156)



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Overview

Quantity:	0.1 mL
Target:	NUDT1
Binding Specificity:	AA 1-156
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NUDT1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant human NUDT1 (1-156aa) purified from E. coli.
Clone:	AT3B3
Isotype:	IgG1
Purification:	Protein-A affinity chromatography

Target Details

Target:	NUDT1
Alternative Name:	nudt1 (NUDT1 Products)
Background:	NUDT1, also known as MTH1 is a 179 amino acid cytoplasmic protein that is a member of the nudix hydrolase family. Highly expressed in testis, thymus and proliferating blood lymphocytes,

Target Details

NUDT1 functions as an antimutagenic that hydrolyzes oxidized purine nucleoside triphosphates to their corresponding monophosphates. Through its ability to enzymatically hydrolyze ATP and GTP to AMP and GMP, respectively, NUDT1 prevents misincorporation of GTP into D, thus preventing A:T to C:G transversions.

UniProt: [P36639](#)

Application Details

Application Notes: The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. In Phosphate-Buffered Saline (pH 7.4) with 0.02 % Sodium Azide, 10 % Glycerol.

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

Storage Comment: Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Expiry Date: 12 months