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Datasheet for ABIN654983

anti-NUDT15 antibody (C-Term)

5 Images

Overview

| | |
|----------------------|---|
| Quantity: | 400 µL |
| Target: | NUDT15 |
| Binding Specificity: | AA 89-118, C-Term |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NUDT15 antibody is un-conjugated |
| Application: | Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|---------------|---|
| Immunogen: | This NUDT15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 89-118 amino acids from the C-terminal region of human NUDT15. |
| Clone: | RB28179 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

| | |
|-------------------|--|
| Target: | NUDT15 |
| Alternative Name: | NUDT15 (NUDT15 Products) |

Target Details

Background: Mediates the hydrolysis of some nucleoside diphosphate derivatives. Can degrade 8-oxo-dGTP in vitro, suggesting that it may remove an oxidatively damaged form of guanine (7,8-dihydro-8-oxoguanine) from DNA and the nucleotide pool, thereby preventing misincorporation of 8-oxo-dGTP into DNA thus preventing A:T to C:G transversions. Its substrate specificity in vivo however remains unclear (By similarity). May have a role in DNA synthesis and cell cycle progression through the interaction with PCNA.

Molecular Weight: 18609

Gene ID: 55270

NCBI Accession: [NP_060753](#)

UniProt: [Q9NV35](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000. WB: 1:500. IHC-P: 1:50~100. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

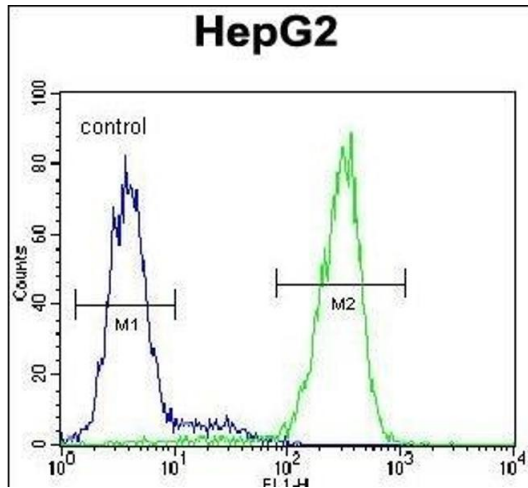
Preservative: Sodium azide

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

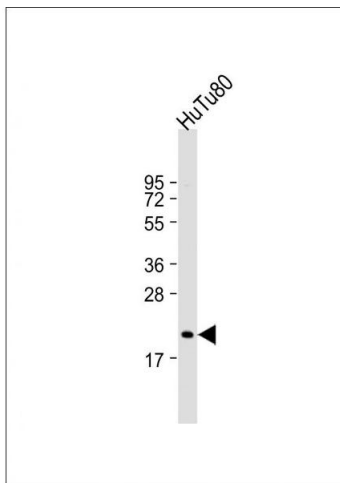
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



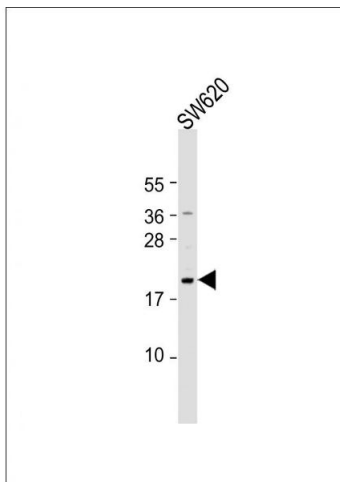
Flow Cytometry

Image 1. NUDT15 Antibody (C-term) (ABIN654983 and ABIN2844623) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Anti-NUDT15 Antibody (C-term) at 1:1000 dilution + HuTu80 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 19 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Western Blotting

Image 3. Anti-NUDT15 Antibody (C-term) at 1:1000 dilution + S whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 19 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN654983.