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# NUDT22 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11280b

## Product Information

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|---|---|
| **Application** | WB, IHC-P, FC, E |
| **Primary Accession** | Q9BRQ3 |
| **Other Accession** | NP_001122084.1 |
| **Reactivity** | Human |
| **Predicted** | Mouse, Rat, Bovine, Rabbit |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB28926 |
| **Calculated MW** | 32580 |
| **Antigen Region** | 220-249 |

## Additional Information

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|---|---|
| **Gene ID** | 84304 |
| **Other Names** | Nucleoside diphosphate-linked moiety X motif 22, Nudix motif 22, NUDT22 |
| **Target/Specificity** | This NUDT22 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 220-249 amino acids from the C-terminal region of human NUDT22. |
| **Dilution** | WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | NUDT22 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

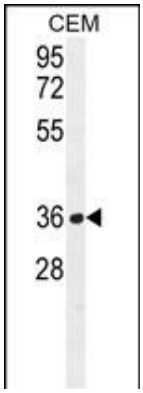
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|---|---|
| **Name** | NUDT22 ( HGNC:28189) |
| **Function** | Pyrophosphatase hydrolyzing the diphosphate bond in the nucleotide-sugars UDP-glucose and UDP-galactose with a preference for the |

former, yielding glucose 1-phosphate or galactose 1-phosphate and UMP.

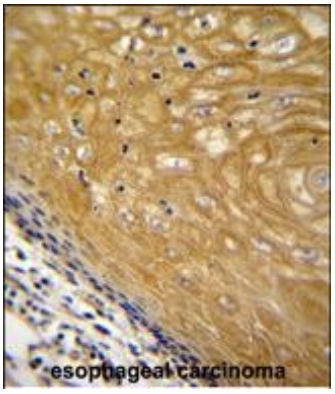
## References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Davila, S., et al. Genes Immun. 11(3):232-238(2010)
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)

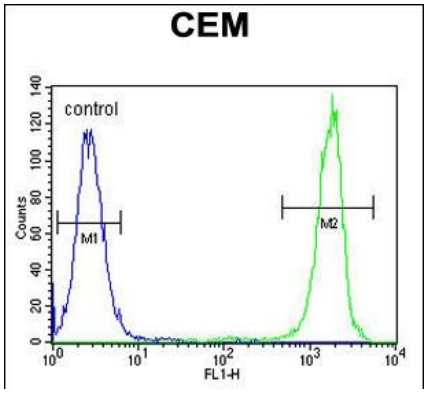
## Images




NUDT22 Antibody (C-term) (Cat. #AP11280b) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the NUDT22 antibody detected the NUDT22 protein (arrow).




NUDT22 Antibody (C-term) (Cat. #AP11280b)immunohistochemistry analysis in formalin fixed and paraffin embedded human esophageal carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of NUDT22 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.




NUDT22 Antibody (C-term) (Cat. #AP11280b) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.