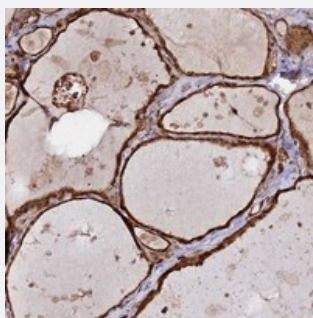


NUDT14 polyclonal antibody

Catalog # PAB24514 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human thyroid gland with NUDT14 polyclonal antibody (Cat # PAB24514) shows strong cytoplasmic and nuclear positivity in glandular cells at 1:50-1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant NUDT14.
Immunogen	Recombinant protein corresponding to amino acids of human NUDT14.
Sequence	EAWEECGYHLAPSDLRRVATYWSGVGLTGSRQTMFYTEVTDAQRSGPGGGLVEEGELIEVVHLP LEGAQAFADDPDIPKTLGVIFGVSWFLSQ
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human thyroid gland with NUDT14 polyclonal antibody (Cat # PAB24514) shows strong cytoplasmic and nuclear positivity in glandular cells at 1:50-1:200 dilution.

Gene Info — NUDT14

Entrez GeneID[256281](#)**Protein Accession#**[O95848](#)**Gene Name**

NUDT14

Gene Alias

UGPP, UGPPase

Gene Description

nudix (nucleoside diphosphate linked moiety X)-type motif 14

Omim ID[609219](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

UDP-glucose (UDPG) acts as the sugar donor in numerous glycosylation reactions, including those involved in the production of glycogen. NUDT14 is a UDPG pyrophosphatase (EC 3.6.1.45) that hydrolyzes UDPG to produce glucose 1-phosphate and UMP (Yagi et al., 2003 [PubMed 12429023]).[supplied by OMIM]

Other Designations

OTTHUMP00000163909|UDP-sugar diphosphatase|nucleoside diphosphate linked moiety X-type motif 14|uridine diphosphate glucose pyrophosphatase