For Research Use Only

NIT1 Polyclonal antibody

Catalog Number: 14380-1-AP

Featured Product

1 Publications

BC046149

4817

GeneID (NCBI):

UNIPROT ID:

Q86X76 Full Name:

nitrilase 1 Calculated MW:

GenBank Accession Number:



Basic Information

Catalog Number: 14380-1-AP

Size: $600 \mu g/ml$ Source: Rabbit Isotype:

Immunogen Catalog Number:

AG5764

40 kDa

Observed MW: 32-36 kDa

Purification Method:

Antigen affinity purification Recommended Dilutions:

WB 1:500-1:3000 IHC 1:200-1:800 IF/ICC 1:50-1:500

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA Cited Applications:

WB, IHC

Species Specificity:

human **Cited Species:** human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: HepG2 cells, HeLa cells, HEK-293T cells

IHC: human pancreas cancer tissue,

IF/ICC: HepG2 cells,

Background Information

Notable Publications

Author **Pubmed ID** Journal Application Chun Lin 29449642 Cell Death Dis WB,IHC

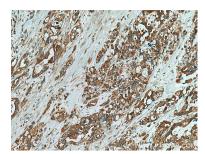
Storage

Store at -20°C. Stable for one year after shipment.

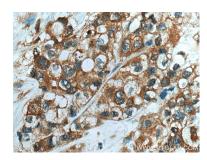
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

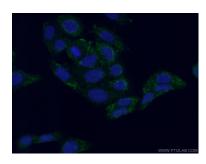
Selected Validation Data



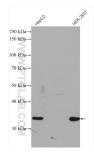
Immunohistochemical analysis of paraffinembedded human pancreas cancer tissue slide using 14380-1-AP (NIT1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded human pancreas cancer tissue slide using 14380-1-AP (NIT1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 14380-1-AP (NIT1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 14380-1-AP (NIT1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.