



[Go to Product page](#)

Datasheet for ABIN5007660

## anti-Nitrilase 1 antibody (AA 111-210) (Alexa Fluor 750)

### Overview

Quantity:	100 µL
Target:	Nitrilase 1 (NIT1)
Binding Specificity:	AA 111-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nitrilase 1 antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NIT1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	Nitrilase 1 (NIT1)
Alternative Name:	NIT1 ( <a href="#">NIT1 Products</a> )
Background:	Synonyms: NIT1, NIT1_HUMAN, Nitrilase 1, Nitrilase homolog 1.

## Target Details

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Background: Play a role in cell growth and apoptosis: loss of expression promotes cell growth and resistance to DNA damage stress. Has tumor suppressor properties that enhances the apoptotic responsiveness in cancer cells, this effect is additive to the tumor suppressor activity of FHIT. it is also a negative regulator of primary T-cells. Has apparently no omega-amidase activity such as NIT2.

Gene ID: 4817

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months