

Datasheet for ABIN7149840
anti-DIABLO antibody (AA 168-236)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	DIABLO
Binding Specificity:	AA 168-236
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DIABLO antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Diablo homolog, mitochondrial protein (168-236AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DIABLO
Alternative Name:	DIABLO (DIABLO Products)
Background:	Background: Promotes apoptosis by activating caspases in the cytochrome c/Apaf-1/caspase-9 pathway. Acts by opposing the inhibitory activity of inhibitor of apoptosis proteins (IAP).

Target Details

Inhibits the activity of BIRC6/bruce by inhibiting its binding to caspases. Isoform 3 attenuates the stability and apoptosis-inhibiting activity of XIAP/BIRC4 by promoting XIAP/BIRC4 ubiquitination and degradation through the ubiquitin-proteasome pathway. Isoform 3 also disrupts XIAP/BIRC4 interacting with processed caspase-9 and promotes caspase-3 activation. Isoform 1 is defective in the capacity to down-regulate the XIAP/BIRC4 abundance.

Aliases: 0610041G12Rik antibody, DBLOH_HUMAN antibody, DBOH antibody, DFNA64 antibody, diablo antibody, Diablo homolog (Drosophila) antibody, Diablo homolog antibody, Diablo homolog mitochondrial antibody, Diablo IAP binding mitochondrial protein antibody, Diablo like protein antibody, DIABLO S antibody, Direct IAP binding protein with low pI antibody, Direct IAP-binding protein with low pI antibody, FLJ10537 antibody, FLJ25049 antibody, mitochondrial antibody, Mitochondrial Smac protein antibody, Second mitochondria derived activator of caspase antibody, Second mitochondria-derived activator of caspase antibody, second mitochondrial activator of caspases antibody, SMAC 3 antibody, Smac antibody, Smac protein antibody, SMAC3 antibody

UniProt: [Q9NR28](#)

Pathways: [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

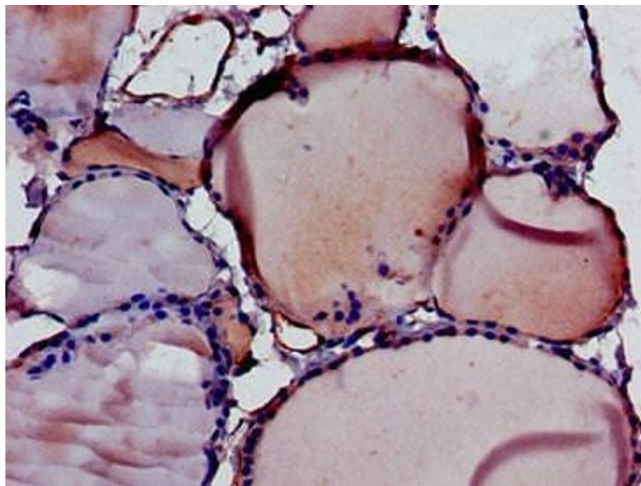
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

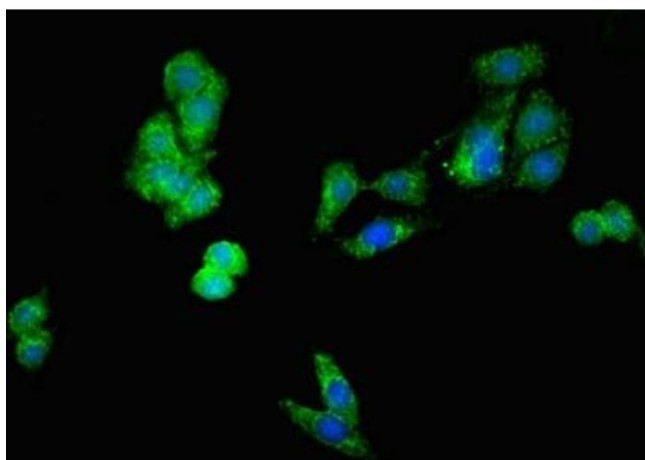
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human thyroid tissue using ABIN7149840 at dilution of 1:100



Immunofluorescence

Image 2. Immunofluorescent analysis of HepG2 cells using ABIN7149840 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)