

Datasheet for ABIN2856427

**anti-DIABLO antibody****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	DIABLO
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DIABLO antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Diablo. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to Smac (diablo homolog (Drosophila)) Diablo antibody [N1C3]
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	DIABLO
Alternative Name:	diablo IAP-binding mitochondrial protein ( <a href="#">DIABLO Products</a> )

## Target Details

**Background:** This gene encodes an inhibitor of apoptosis protein (IAP)-binding protein. The encoded mitochondrial protein enters the cytosol when cells undergo apoptosis, and it moderates the caspase inhibition of IAPs. Multiple polyadenylation sites have been found for this gene. Four alternatively spliced transcript variants have been described for this gene, with two of them encoding different isoforms and the other two probably not encoding a protein.

Cellular Localization: Mitochondrion

**Molecular Weight:** 27 kDa

**Gene ID:** 56616

**UniProt:** [Q9NR28](#)

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

## Application Details

**Application Notes:** WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

**Comment:** Positive Control: A431 , mouse testis

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 mg/mL

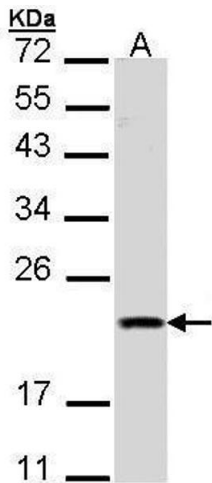
**Buffer:** 0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal

**Preservative:** Thimerosal (Merthiolate)

**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

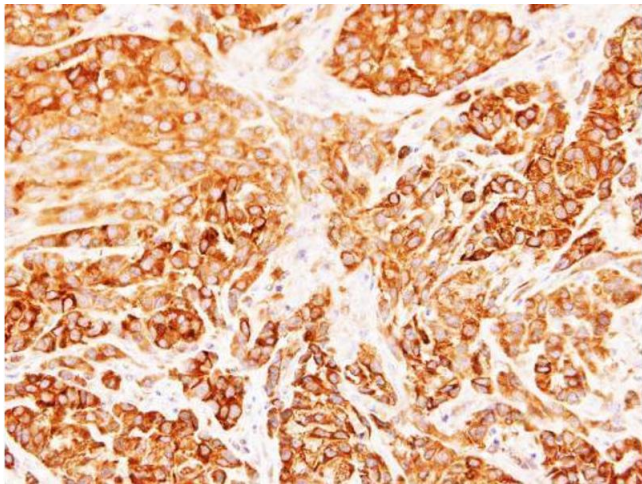
**Storage:** 4 °C,-20 °C

**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



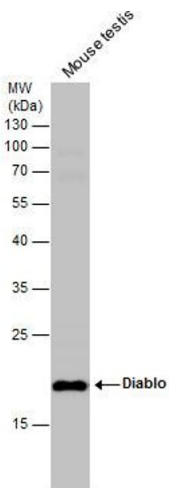
#### Western Blotting

**Image 1.** WB Image Sample (30 ug of whole cell lysate) A: A431 , 12% SDS PAGE antibody diluted at 1:1000



#### Immunohistochemistry

**Image 2.** IHC-P Image Immunohistochemical analysis of paraffin-embedded A549 xenograft, using Diablo, antibody at 1:500 dilution.



#### Western Blotting

**Image 3.** WB Image Mouse tissue extract (50 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with Diablo antibody [N1C3] , diluted at 1:500.