

## DIABLO Antibody

Catalog No: #31125

Package Size: #31125-1 50ul #31125-2 100ul

Orders: order@signalwayantibody.com

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## Description

Product Name	DIABLO Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total DIABLO protein.
Immunogen Type	Recombinant protein
Immunogen Description	Fusion protein corresponding to a region derived from 56-239 amino acids of human diablo, IAP-binding mitochondrial protein
Target Name	DIABLO
Other Names	Diablo, IAP-binding mitochondrial protein, SMAC; SMAC3; DFNA64; DIABLO-S
Accession No.	Swiss-Prot:Q9NR28Gene ID:56616;
Uniprot	Q9NR28
GeneID	56616;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C/1 year

## Application Details

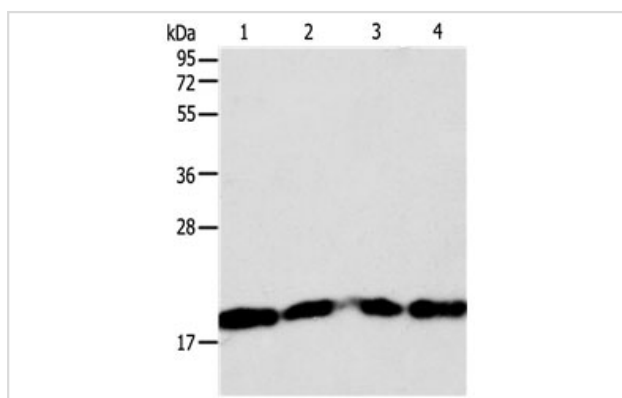
Predicted MW: 27kd

ELISA: 1:2000-1:10000

Western blotting: 1:1000-1:5000

Immunohistochemistry: 1:100-1:300

## Images



Gel: 12%SDS-PAGE

Lane1: Lncap cell lysate

Lane2: SKOV3 cell lysate

Lane3: MCF7 cell lysate

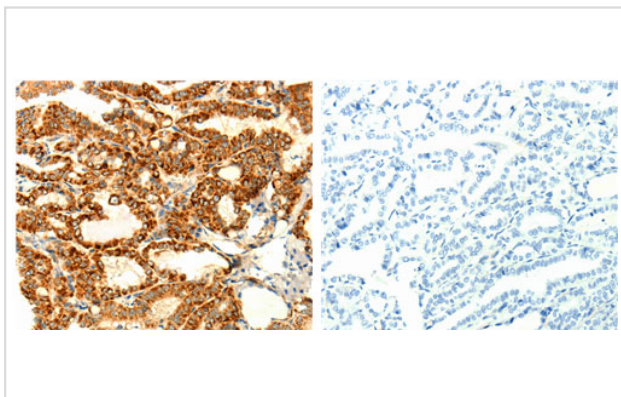
Lane4: 293T cell lysate

Lysates: 40 ug per lane

Primary antibody: 1/1000 dilution

Secondary antibody: Goat anti Rabbit IgG - H&amp;L (HRP) at 1/10000 dilution

Exposure time: 1 second



The image on the left is immunohistochemistry of paraffin-embedded human thyroid cancer tissue using 31125 (DIABLO Antibody) at dilution 1/70, on the right is treated with the fusion protein.

## 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. Ubiquitously expressed with highest expression in testis. Expression is also high in heart, liver, kidney, spleen, prostate and ovary. Low in brain, lung, thymus and peripheral blood leukocytes. Isoform 3 is ubiquitously expressed.

Note: This product is for in vitro research use only