

## Antibody Data

<b>Product SKU:</b>	CAB2564	<b>Observed MW</b>	18kDa
<b>Applications:</b>	WB	<b>Calculated MW</b>	21kDa/22kDa/27kDa
<b>Reactivity:</b>	Human, Mouse		

## Immunogen Information:

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1-232 of human DIABLO (NP\_063940.1).

**Gene ID:** 56616

**Swiss Prot:** Q9NR28

**Synonyms:** DIABLO; DFNA64; SMAC; diablo homolog, mitochondrial

## Product Information:

**Source:** Rabbit

**Isotype:** IgG

**Purification Method:** Affinity purification

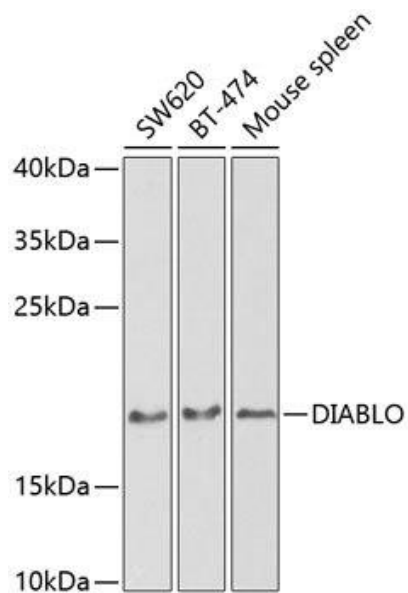
**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Recommended Dilution:** WB 1:500 - 1:2000

## Background:

This gene encodes an inhibitor of apoptosis protein (IAP)-binding protein. The encoded mitochondrial protein enters the cytosol when cells undergo apoptosis, and allows activation of caspases by binding to inhibitor of apoptosis proteins. Overexpression of the encoded protein sensitizes tumor cells to apoptosis. A mutation in this gene is associated with young-adult onset of nonsyndromic deafness-64. Alternative splicing results in multiple transcript variants encoding different isoforms. This gene encodes an inhibitor of apoptosis protein (IAP)-binding protein. The encoded mitochondrial protein enters the cytosol when cells undergo apoptosis, and allows activation of caspases by binding to inhibitor of apoptosis proteins. Overexpression of the encoded protein sensitizes tumor cells to apoptosis. A mutation in this gene is associated with young-adult onset of nonsyndromic deafness-64. Alternative splicing results in multiple transcript variants encoding different isoforms.

## Images:



Western blot analysis of extracts of various cell lines, using DIABLO antibody (CAB2564) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.