

## DIABLO Polyclonal Antibody

Catalog number: 10434-1-AP

Size: 22 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

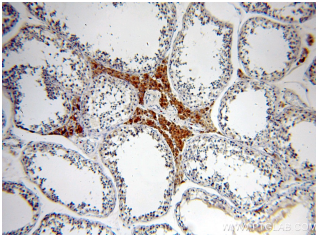
DIABLO; DIABLO, diablo

homolog (Drosophila), Diablo

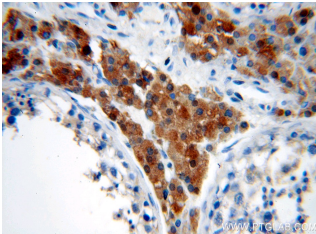
homolog, mitochondrial,

DIABLO S, FLJ10537, FLJ25049,

SMAC, SMAC3



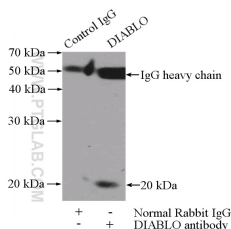
Immunohistochemical of paraffin-embedded human testis using 10434-1-AP (DIABLO antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human testis using 10434-1-AP (DIABLO antibody) at dilution of 1:50 (under 40x lens)



HepG2 cells were subjected to SDS PAGE followed by western blot with 10434-1-AP (DIABLO antibody) at dilution of 1:1000



### Background

DIABLO, also named as SMAC, promotes apoptosis by activating caspases in the cytochrome c/Apaf-1/caspase-9 pathway. DIABLO inhibits the activity of BIRC6/bruce by inhibiting its binding to caspases. This antibody recognizes all the three isoforms (27 kDa and 22 kDa) of DIABLO. The highest expression was in the testis, adrenal gland, and ears.

### Applications

Tested applications:	ELISA, WB, IHC, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated DIABLO MW:	27 kDa
Observed DIABLO MW:	20 kDa
Positive WB detected in	HepG2 cells, HEK-293 cells, HeLa cells, Jurkat cells, mouse testis tissue, Sp2/0 cells
Positive IP detected in	HEK-293 cells
Positive IHC detected in	Human testis tissue, human kidney tissue
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag0696
GenBank accession number:	BC011909
Gene ID (NCBI):	56616
Full name:	Diablo homolog (Drosophila)

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

**IP Result of anti-DIABLO  
(IP:10434-1-AP, 4ug;  
Detection:10434-1-AP 1:500)  
with HEK-293 cells lysate  
2000ug.**