



DBLOH Polyclonal Antibody

Catalog No	YP-Ab-07205
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	DIABLO SMAC
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	DBLOH Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DFNA64;SMAC;0610041G12Rik;1700006L01Rik;DBLOH_HUMAN;DIABLO; Diablo homolog;mitochondrial;Direct IAP-binding protein with low pI;Second mitochondria-derived activator of caspases (SMAC);DBLOH_MOUSE;Second mitochondria-derived activator of caspase (Smac);DBLOH;DIABLO SMAC; mitochondrial (Direct IAP-binding protein with low pI) (Second mitochondria-derived activator of caspase) (Smac)
Observed Band	26kD
Calculated Molecular Weight	26kD
Cell Pathway	Mitochondrion . Released into the cytosol when cells undergo apoptosis.
Tissue Specificity	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.
Function	domain:The mature N-terminus mediates interaction with XIAP., function: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).,subcellular location:But released into the cytosol when cells undergo apoptosis.,subunit:Interacts with NGFRAP1/BEX3 (By similarity). Homodimer. Interacts with BIRC2, BIRC3, XIAP and BIRC7.,tissue



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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. [provided by RefSeq, May 2013],

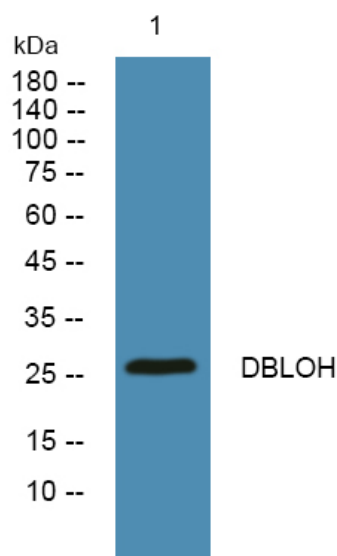
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night