



Magic™ Anti-CASP9 (Phospho T125) polyclonal antibody (DPABH-01383)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Involved in the activation cascade of caspases responsible for apoptosis execution. Binding of caspase-9 to Apaf-1 leads to activation of the protease which then cleaves and activates caspase-3. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP). Isoform 2 lacks activity is an dominant-negative inhibitor of caspase-9.
Specificity	DPABH-01383 detects endogenous levels of pro Caspase 9 only when phosphorylated at T125.
Target	CASP9
Immunogen	Synthetic phospho-peptide derived from Human pro Caspase 9 around the phosphorylation site of Threonine 125.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituents: 49% PBS, 50% Glycerol, 0.88% Sodium chloride. Note: PBS is without Mg2+ and Ca2+

Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Store at -20°C.

GENE INFORMATION

Gene Name	CASP9 caspase 10, apoptosis-related cysteine peptidase [Homo sapiens]
Official Symbol	CASP9
Synonyms	CASP9; caspase 9, apoptosis-related cysteine peptidase; MCH6; APAF3; APAF-3; PPP1R56; ICE-LAP6; caspase-9; apoptotic protease MCH-6; ICE-like apoptotic protease 6; apoptotic protease activating factor 3; protein phosphatase 1, regulatory subunit 56;
Entrez Gene ID	842
Protein Refseq	NP_001220.2
UniProt ID	P55211
Pathway	AGE/RAGE pathway; Activation of caspases through apoptosome-mediated cleavage; Alzheimers disease; Alzheimers Disease
Function	SH3 domain binding; cysteine-type endopeptidase activity; enzyme activator activity; peptidase activity