



Anti-CASP9 polyclonal antibody (DPABH-28500)

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-28500 detects endogenous levels of fragment of activated Caspase-9 resulting from cleavage adjacent to Asp 353.
Immunogen	Synthetic peptide corresponding to Mouse Caspase-9.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, 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
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	CASP9 caspase 10 [Mus musculus]
Official Symbol	CASP9
Synonyms	CASP9; caspase 9; Mch6; APAF-3; CASP-9; AI115399; AW493809; ICE-LAP6; Caspase-9; caspase-9; apoptotic protease Mch-6; ICE-like apoptotic protease 6; apoptotic protease-activating factor 3;
Entrez Gene ID	12371
Protein Refseq	NP_001264861.1
UniProt ID	A2AS93
Pathway	AKT phosphorylates targets in the cytosol; Adaptive Immune System; Alzheimers disease; Amyotrophic lateral sclerosis (ALS)
Function	SH3 domain binding; cysteine-type endopeptidase activity; cysteine-type peptidase activity; hydrolase activity