



Anti-CASP2 (aa 300-400) polyclonal antibody (DPABH-15216)

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

PRODUCT INFORMATION

Antigen Description	Caspase 2 is involved in the activation cascade of caspases responsible for apoptosis execution. Might function by either activating some proteins required for cell death or inactivating proteins necessary for cell survival. During apoptosis, procaspase-2 is processed at aspartate residues. The processed form of caspase-2 consists of large (19 kDa) and small (12 kDa) subunits which associate to form the active enzyme.
Specificity	Antibody generated to recognise carboxyterminal aspartate D316 to distinguish the activated Caspase 2.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 300 - 400 of Human Caspase 2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-Fr, ICC/IF, IHC-P, IP
Format	Liquid
Size	100 µg
Buffer	Constituents: 1% BSA, PBS, pH 7.4
Preservative	0.02% Sodium Azide

Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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GENE INFORMATION

Gene Name	CASP2 caspase 3, apoptosis-related cysteine peptidase [Homo sapiens]
Official Symbol	CASP2
Synonyms	CASP2; caspase 2, apoptosis-related cysteine peptidase; ICH1; NEDD2; CASP-2; NEDD-2; PPP1R57; caspase-2; protease ICH-1; protein phosphatase 1, regulatory subunit 57; neural precursor cell expressed developmentally down-regulated protein 2;
Entrez Gene ID	835
Protein Refseq	NP_001215.1
UniProt ID	D3DXD9
Pathway	Apoptosis; Apoptosis Modulation by HSP70; Cell death signalling via NRAGE, NRIF and NADE; Immune System
Function	cysteine-type endopeptidase activity; cysteine-type endopeptidase activity involved in apoptotic process; enzyme binding; protein binding