

Product Datasheet

Caspase-9 Antibody NB100-56120

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-56120**Caspase-9 Antibody****Product Information**

Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera

Product Description

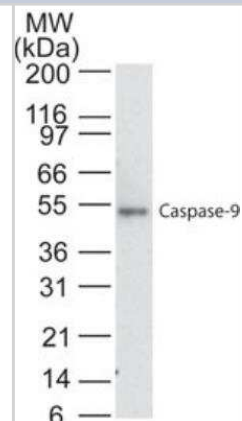
Host	Rabbit
Gene ID	842
Gene Symbol	CASP9
Species	Human, Mouse, Rat, Canine
Reactivity Notes	Mouse, Canine, Rat reactivity reported in scientific literature (PMID: 15380478).
Specificity/Sensitivity	This polyclonal antisera recognizes the proform of caspase-9 (~50 kDa), and the large (~35 kDa) subunit (with pro-domain sequences) of active/cleaved Caspase-9. It does not recognize the small (~15 kDa) subunit of active/cleaved Caspase-9. Intermediate caspase-9 cleavage forms may also be seen at ~21 kDa.
Immunogen	A synthetic peptide corresponding to amino acids 113-130 (PEIRKPEVLRPETPRPVD) of human caspase-9 was used as immunogen; GenBank no. gi 55960247 emb CAI12974.1 .

Product Application Details

Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunoprecipitation 1:50-1:200, Immunohistochemistry-Paraffin 1:1000-1:5000

Images

Western Blot: Caspase-9 Antibody - Unpurified [NB100-56120] - Caspase-9 Antibody [NB100-56120] - Recombinant human Caspase-9 probed with this antibody at 1:1000.



Publications

Krajewski S, Krajewska M, Ellerby LM et al. Release of caspase-9 from mitochondria during neuronal apoptosis and cerebral ischemia. *Proc Natl Acad Sci U S A*. 1999-05-11 [PMID: 10318956]

Krajewska M, Rosenthal RE, Mikolajczyk J et al. Early processing of Bid and caspase-6, -8, -10, -14 in the canine brain during cardiac arrest and resuscitation. *Exp Neurol*. 2004-10-01 [PMID: 15380478] (IHC-P, WB, Mouse, Rat, Canine)

Details:

Antibodies cited: 1. Caspase-9 (Active/Cleaved), IMG-5705: WB: Fig 1A (recombinant human caspase-9), Fig 4A (recombinant human caspase-9, rat brain), Fig 4B-F (isolated mitochondria from rat liver or heart). Fig 5 (PC12 cells) IHC (P): Fig 2d-k (rat kidney)





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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