

Product Datasheet

Endo G Antibody NB120-10522

Unit Size: 0.05 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB120-10522

Endo G Antibody

Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	35 kDa

Product Description	
Host	Rabbit
Gene ID	2021
Gene Symbol	ENDOG
Species	Human, Mouse, Rat
Reactivity Notes	Cross-reacts with Human, Mouse and Rat. Not yet tested in other species.
Specificity/Sensitivity	Endonuclease G
Immunogen	Synthetic peptide: GGPRGPGELAKYGLP, corresponding to amino acids 55-70 of Human Endonuclease G.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 10-15 ug/ml
Application Notes	Detects a band of approximately 35 kDa (predicted molecular weight: 35 kDa), determined using mouse 3T3 (fibroblasts) and human HepG2 (hepatoblastoma) cell lysates.

Publications

Jacquemin G, Margiotta D, Kasahara A et al. Granzyme B-induced mitochondrial ROS are required for apoptosis Cell Death Differ. 2014 Oct 31 [PMID: 25361078] (WB, Mouse, Human)

Details:

Endo G antibody used for WB on supernatants and mitochondrial pellets from purified intact mouse liver mitochondria treated with Granzyme B in the presence or absence of S100 cytosolic fraction (Figure 3). Antibody also used on total cell lysate, cytosolic and mitochondrial fractions of U937 cells treated or not with perforin and Granzyme B, with or without n-acetyl cysteine/nAC pretreatment (Figure 4).

Srivastava V, Modi P, Tripathi V et al. BLM helicase stimulates the ATPase chromatin-remodeling activities of RAD54. J Cell Sci 2009;122(17):3093-3103. [PMID: 19671661]





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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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