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Datasheet for ABIN680897

anti-Endonuclease G antibody (AA 101-200) (Cy5)

Overview

Quantity:	100 µL
Target:	Endonuclease G (ENDOG)
Binding Specificity:	AA 101-200
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Endonuclease G antibody is conjugated to Cy5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from rat Endonuclease G
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Horse,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	Endonuclease G (ENDOG)
Alternative Name:	Endonuclease G (ENDOG Products)

Target Details

Background: Synonyms: EndoG, Endonuclease G, Endonuclease G mitochondrial, EndonucleaseG, FLJ27463, ENDOG, NUCG_HUMAN, Endo G.

Background: The protein encoded by this gene is a nuclear encoded endonuclease that is localized in the mitochondrion. The encoded protein is widely distributed among animals and cleaves DNA at GC tracts. This protein is capable of generating the RNA primers required by DNA polymerase gamma to initiate replication of mitochondrial DNA. [provided by RefSeq, Jul 2008].

Gene ID: 362100

Pathways: [Apoptosis](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months