Datasheet for ABIN121687

anti-Endonuclease G antibody (AA 55-70)

1 Image

Go to Product page

Overview

Quantity:	0.1 mg
Target:	Endonuclease G (ENDOG)
Binding Specificity:	AA 55-70
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Endonuclease G antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic peptide corresponding to amino acids 55 - 70 of endonuclease G. AA Sequence: GGPRGPGELAKYGLP
Purification:	Affinity chromatography

Target Details

Target:	Endonuclease G (ENDOG)
Alternative Name:	Endonuclease G (ENDOG Products)
Background:	Endonuclease G is a mitochondrion-specific nuclease that translocates to the nucleus and cleaves chromatin DNA during apoptosis. endoG is reported to act independently of caspases and may represent a caspase independent apoptotic pathway initiated from the mitochondria.Synonyms: ENDOG

Target Details

UniProt:	Q14249
Pathways:	Apoptosis

Application Details

Application Notes:	Western Blot: 1 µg/mL - 2 µg/mL, this antibody detects a band of approximately 35 kDa in HepG2 and 3T3 cell lysates. Immunohistochemistry on paraffin sections: 15 µg/mL, Sodium citrate buffer pH 6.0 is recommended for this purpose. Recommended Positive Control: Human pancreas. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf Life: one year from despatch.
Expiry Date:	12 months

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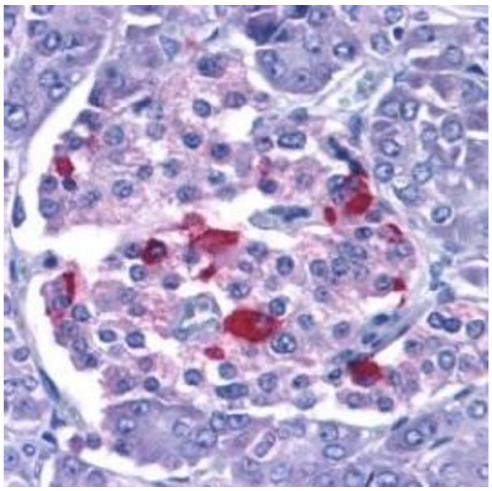

Immunohistochemistry

Image 1. EndoG - ABIN121687 staining of human pancreas with anti-EndoG at 15 µg/ml. Formalin fixed paraffin processed tissue.