

Datasheet for ABIN724297

anti-APAF1 antibody (AA 1201-1248) (Biotin)



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Overview

Quantity:	100 µL
Target:	APAF1
Binding Specificity:	AA 1201-1248
Reactivity:	Human, Rat, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APAF1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Apaf-1
Isotype:	IgG
Cross-Reactivity:	Human, Rat, Zebrafish (Danio rerio)
Predicted Reactivity:	Mouse,Dog,Horse
Purification:	Purified by Protein A.

Target Details

Target:	APAF1
Alternative Name:	APAF1CT (APAF1 Products)

Target Details

Background:	Synonyms: CED4, APAF-1, Apoptotic protease-activating factor 1, APAF1, KIAA0413 Background: Oligomeric Apaf-1 mediates the cytochrome c-dependent autocatalytic activation of pro-caspase-9 (Apaf-3), leading to the activation of caspase-3 and apoptosis. This activation requires ATP. Isoform 6 is less effective in inducing apoptosis.
Gene ID:	317
UniProt:	O14727
Pathways:	p53 Signaling , Apoptosis , Caspase Cascade in Apoptosis , Tube Formation , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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 for 12 months.
Expiry Date:	12 months