

Datasheet for ABIN7453653
anti-AIF antibody (AA 100-150)



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Overview

Quantity:	20 µg
Target:	AIF (AIFM1)
Binding Specificity:	AA 100-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AIF antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-AIF Antibody, Affinity Purified
Immunogen:	between AA 100 and 150
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	AIF (AIFM1)
Alternative Name:	AIF (AIFM1 Products)
Background:	Background: Apoptosis-inducing factor (AIF) is a flavoprotein essential for nuclear disassembly

Target Details

in apoptotic cells, and it is found in the mitochondrial intermembrane space in healthy cells. Induction of apoptosis results in the translocation of this protein to the nucleus where it affects chromosome condensation and fragmentation. In addition, AIF induces mitochondria to release the apoptogenic proteins cytochrome c and caspase-9.

Gene ID:	9131
NCBI Accession:	NP_004199
UniProt:	O95831
Pathways:	Apoptosis , Positive Regulation of Endopeptidase Activity , Cell RedoxHomeostasis , Smooth Muscle Cell Migration , Warburg Effect

Application Details

Application Notes:	IHC: 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 2 - 5 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	Tris-buffered Saline containing 0.1 % BSA and 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
Expiry Date:	12 months