

Datasheet for ABIN634586
anti-AIF antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	AIF (AIFM1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AIF antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	PDCD8 antibody was raised using the C terminal Of Pdcd8 corresponding to a region with amino acids VDSSLPTVGVF AKATAQDNPKSATEQSGTGIRSESETESEASEITIPPST
Specificity:	PDCD8 antibody was raised against the C terminal Of Pdcd8
Purification:	Affinity purified

Target Details

Target:	AIF (AIFM1)
Alternative Name:	PDCD8
Background:	AIFM1 (PDCD8) is a flavoprotein essential for nuclear disassembly in apoptotic cells that 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 effects chromosome condensation

Target Details

and fragmentation. In addition, AIFM1 induces mitochondria to release the apoptogenic proteins cytochrome c and caspase-9.

Molecular Weight: 36 kDa (MW of target protein)

Pathways: [Apoptosis](#), [Positive Regulation of Endopeptidase Activity](#), [Cell Redox Homeostasis](#), [Smooth Muscle Cell Migration](#), [Warburg Effect](#)

Application Details

Application Notes: WB: 0.25 µg/mL
Optimal conditions should be determined by the investigator.

Comment: PDCD8 Blocking Peptide, (ABIN5615270), is also available for use as a blocking control in assays to test for specificity of this PDCD8 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PDCD8 antibody in PBS

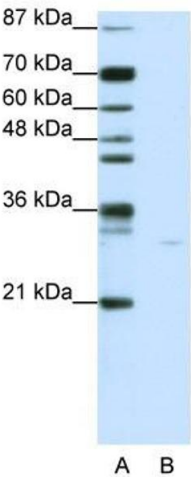
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. PDxCD8 antibody used at 0.25 ug/ml to detect target protein.