

Datasheet for ABIN926855
anti-AIF antibody (N-Term)



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2 Images

Overview

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

Product Details

Immunogen:	PDCD8 antibody was raised in rabbit using the N terminal of PDCD8 as the immunogen
Cross-Reactivity:	Cow (Bovine), Dog (Canine)
Purification:	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 and fragmentation. In addition, AIFM1 induces mitochondria to release the apoptogenic

Target Details

	proteins cytochrome c and caspase-9. Synonyms: Polyclonal PDCD8 antibody, Anti-PDCD8 antibodyRP3-438D16.2 antibody, AIF antibody, MGC111425 antibody.
Pathways:	Apoptosis, Positive Regulation of Endopeptidase Activity, Cell RedoxHomeostasis, Smooth Muscle Cell Migration, Warburg Effect

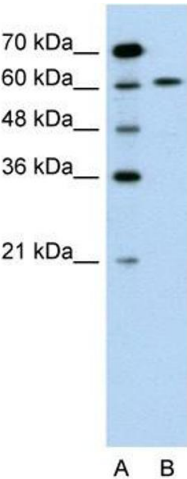
Application Details

Application Notes:	WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	PDCD8 Blocking Peptide, , 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

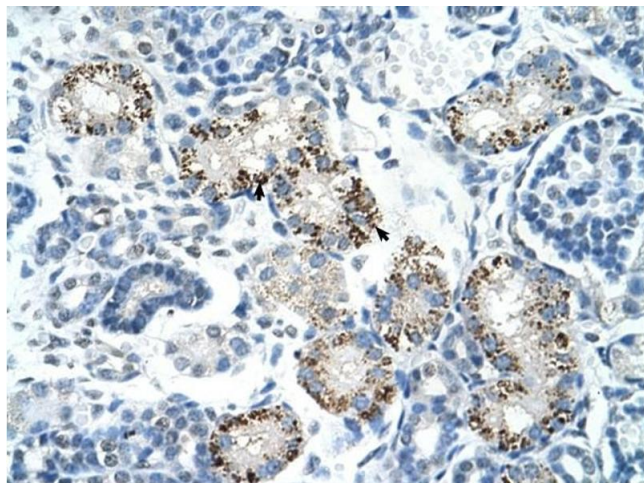
Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images



Western Blotting

Image 1. Western Blot showing PDCD8 antibody used at a concentration of 1-2 ug/ml to detect its target protein.



Immunohistochemistry

Image 2. PDCD8 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of renal tubule (arrows) in Human Kidney. Magnification is at 400X.