

Datasheet for ABIN926871

anti-AIF antibody (Middle Region)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	AIF (AIFM1)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Zebrafish (Danio rerio), Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AIF antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	AIFM1 antibody was raised in rabbit using the middle region of AIFM1 as the immunogen
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Dog (Canine), Cow (Bovine), Zebrafish (Brachydanio rerio), Chicken
Purification:	Purified

Target Details

Target:	AIF (AIFM1)
Alternative Name:	AIFM1
Background:	AIFM1 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

Target Details

fragmentation. In addition, this protein induces mitochondria to release the apoptogenic proteins cytochrome c and caspase-9. Several alternative transcripts encoding different isoforms have been identified for this gene. Synonyms: Polyclonal AIFM1 antibody, Anti-AIFM1 antibody, apoptosis-inducing factor, mitochondrion-associated, 1 antibody, AIF antibody, MGC111425 antibody, PDCD8 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: AIFM1 Blocking Peptide, , is also available for use as a blocking control in assays to test for specificity of this AIFM1 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

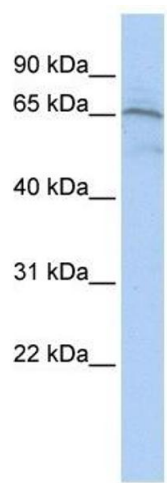
Concentration: Lot specific

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.



Western Blotting

Image 1. Western Blot showing AIFM1 antibody used at a concentration of 1-2 ug/ml to detect its target protein.