

GOAT ANTI-AIFM1 ANTIBODY

SKU: EB12622

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	striatal apoptosis-inducing factor programmed cell death 8 (apoptosis-inducing factor) apoptosis-inducing factor 1, mitochondrial PDCD8 COXPD6 COWCK CMTX4 AIF apoptosis-inducing factor, mitochondrion-associated, 1 AIFM1
Usage Summary	Immunofluorescence: Strong expression of the protein seen in the Mitochondria of HeLa and U2OS cells. Recommended concentration: 10µg/ml.
Accession ID	NP_004199.1; NP_665811.1; NP_665812.1; NP_001124318.1
Blocking Peptide	EBP12622
Immunogen	Peptide with sequence C-NEVAKLFNIHED, from the C Terminus of the protein sequence according to NP_004199.1; NP_665811.1; NP_665812.1; NP_001124318.1.
Product Comments	This antibody is expected to recognize isoform 1 (NP_004199.1), isoform 2 (NP_665811.1), isoform 3 (NP_665812.1) and isoform 4 (NP_001124318.1).
Peptide Sequence	C-NEVAKLFNIHED
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Pig, Cow
Reactive Species	Human, Mouse, Rat, Pig
Human Gene ID	9131
Mouse Gene ID	26926
Rat Gene ID	83533
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	Paraffin embedded Human Liver. Recommended concentration: 5µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx 70kDa band observed in lysates of cell line Jurkat and NIH3T3, and in Mouse and Rat Heart and Kidney lysates. Approx. 65kDa observed in Pig Heart lysates (calculated MW of 66.9kDa according to Human NP_004199.1 and 66.8kDa according to Mouse NP_036149.1, Rat NP_112646.1 and Pig NP_001284561.1). Recommended concentration: 0.01-0.1µg/ml. Primary incubation 1 hour at room temperature.

Application Type Pep-ELISA, WB, IHC, IF

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

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