

## Product datasheet for **TA392632**

### Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	FC, ICC, IHC, IP, WB
Recommended Dilution:	WB:1:1,000-1:5,000 ICC:1:50-1:200 IHC:1:50-1:200 FC:1:50-1:100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	recombinant protein
Specificity:	AIF polyclonal antibody detects endogenous levels of AIF protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 67 kDa
Database Link:	<a href="#">Q95831(Human)</a> <a href="#">Q9Z0X1(Mouse)</a> <a href="#">Q9JM53(Rat)</a>
Background:	A key event in the apoptotic process is the opening of the mitochondrial permeability transition pore, an event that is regulated by Bcl-2 family proteins, resulting in the release of several proteins from the mitochondrial intermembrane space. Several of these proteins participate in apoptosis, including cytochrome c, procaspases 2, 3, and 9, and AIF (apoptosis-inducing factor). AIF has been shown to cause DNA fragmentation and chromatin condensation and to induce the release of cytochrome c and caspase-9 from mitochondria. Bcl-2 overexpression has been shown to prevent the release of AIF from mitochondria, but not to block its apoptogenic activity.



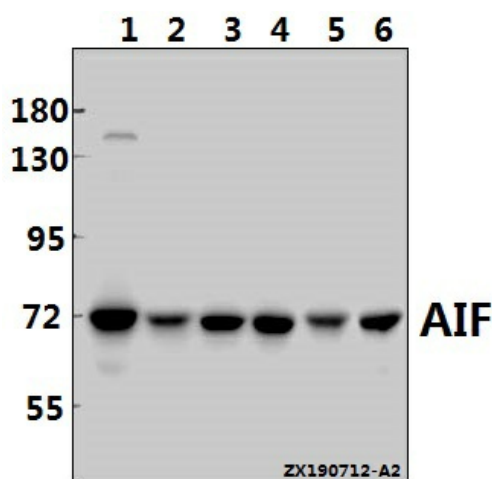
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**Synonyms:**

AIFM1, AIFM1, AIFM1, Apoptosis inducing factor 1, mitochondrial, Apoptosis inducing factor, Apoptosis inducing factor, mitochondrion associated, 1, Apoptosis-inducing factor 1, CMTX4, COWCK, COXPD6, Harlequin, Hq, mAIF, MGC111425, MGC5706, mitochondrial, Neuropathy, axonal motor-sensory, with deafness and mental retardation, neuropathy, axonal, motor-sensory with deafness and mental retardation (Cowchock syndrome), PDCD 8, PDCD8, Programmed cell death 8 (apoptosis inducing factor), Programmed cell death 8, Programmed cell death 8 isoform 1, Programmed cell death 8 isoform 2, Programmed cell death 8 isoform 3, Programmed cell death protein 8, Programmed cell death protein 8 mitochondrial, Programmed cell death protein 8 mitochondrial precursor, Programmed cell death protein 8 mitochondrial precursor, Striatal apoptosis inducing factor,

**Note:**

For research use only, not for use in diagnostic procedure.

**Product images:**

Western blot (WB) analysis of AIF pAb at 1:2000 dilution Lane1:Hela whole cell lysate(40ug) Lane2:DLD whole cell lysate(40ug) Lane3:The Brain tissue lysate of Rat(40ug) Lane4:The Brain tissue lysate of Mouse(30ug) Lane5:C6 whole cell lysate(40ug) Lane6:CT26 whole cell lysate(30ug)