



Anti-AIFM2 (aa 188-287) polyclonal antibody (DPAB-DC3503)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a flavoprotein oxidoreductase that binds single stranded DNA and is thought to contribute to apoptosis in the presence of bacterial and viral DNA. The expression of this gene is also found to be induced by tumor suppressor protein p53 in colon cancer cells.
Immunogen	AMID (NP_116186, 188 a.a. ~ 287 a.a) partial recombinant protein with GST tag. The sequence is VRQEVKEILLRKGVQLLSSERVSNLEELPLNEYREYIKVQTDKGTEVATNLVILCTGIKI NSSAYRKAFESRLASSGALRVNEHLQVEGHSNVYAIGDCA
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	AIFM2 apoptosis-inducing factor, mitochondrion-associated, 2 [Homo sapiens (human)]
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Official Symbol	AIFM2
Synonyms	AIFM2; apoptosis-inducing factor, mitochondrion-associated, 2; AMID; PRG3; apoptosis-inducing factor 2; p53-responsive gene 3 protein; apoptosis-inducing factor (AIF)-like mitochondrion-associated inducer of death; apoptosis-inducing factor (AIF)-homologous mitochondrion-associated inducer of death;
Entrez Gene ID	84883
Protein Refseq	NP_001185625
UniProt ID	Q9BRQ8
Chromosome Location	10q22.1
Pathway	Direct p53 effectors.
Function	DNA binding; NADH dehydrogenase (ubiquinone) activity; electron-transferring-flavoprotein dehydrogenase activity; flavin adenine dinucleotide binding
