



# 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

<b>Antigen Description</b>	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.
<b>Immunogen</b>	AMID (NP_116186, 188 a.a. ~ 287 a.a) partial recombinant protein with GST tag. The sequence is VRQEVKEILLRKGVQLLLSERVSNLEELPLNEYREYIKVQTDKGTEVATNLVILCTGIKI NSSAYRKAFESRLASSGALRVNEHLQVEGHSNVYAIGDCA
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	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 \(human\) \]](#)

<b>Official Symbol</b>	AIFM2
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">84883</a>
<b>Protein Refseq</b>	<a href="#">NP_001185625</a>
<b>UniProt ID</b>	<a href="#">Q9BRQ8</a>
<b>Chromosome Location</b>	10q22.1
<b>Pathway</b>	Direct p53 effectors.
<b>Function</b>	DNA binding; NADH dehydrogenase (ubiquinone) activity; electron-transferring-flavoprotein dehydrogenase activity; flavin adenine dinucleotide binding