

**bs-7655R****[ Primary Antibody ]****AIFM2 Rabbit pAb**

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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000)  <b>Reactivity:</b> (predicted: Human, Mouse, Rat, Pig, Sheep, Cow)  <b>Predicted MW.:</b> 41 kDa  <b>Subcellular Location:</b> Cell membrane ,Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 84883	<b>SWISS:</b> Q9BRQ8	
<b>Target:</b> AIFM2		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human AMID/AIFM2: 121-180/373.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> Oxidoreductase, which may play a role in mediating a p53/TP53-dependent apoptosis response. Probable oxidoreductase that acts as a caspase-independent mitochondrial effector of apoptotic cell death. Binds to DNA in a sequence-independent manner. May contribute to genotoxin-induced growth arrest. Tissue specificity: Detected in most normal tissues as two transcripts of 1.8 and 4.0 kb in length, respectively. Highly expressed in heart, moderately in liver and skeletal muscles, and expressed at low levels in placenta, lung, kidney, and pancreas. Both transcripts expressed following p53/TP53 induction. The shorter 1.8 kb transcript seems to be the major transcript in EB1 colon cancer cells.		

**— SELECTED CITATIONS —**

- **[IF=3.171]** Bao-You Fan. et al. Liproxstatin-1 is an effective inhibitor of oligodendrocyte ferroptosis induced by inhibition of glutathione peroxidase 4. Neural Regen Res. 2021 Mar;16(3):561 IF ;. 32985488