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Datasheet for ABIN872804

anti-Adrenomedullin 2 antibody (AA 121-180)

Overview

Quantity:	100 µL
Target:	Adrenomedullin 2 (ADM2)
Binding Specificity:	AA 121-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adrenomedullin 2 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human AMID/AIFM2
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep,Pig
Purification:	Purified by Protein A.

Target Details

Target:	Adrenomedullin 2 (ADM2)
Alternative Name:	AM2 (ADM2 Products)

Target Details

Background:	<p>Synonyms: am2, AM2_HUMAN, AMID, Apoptosis inducing factor A homologous mitochondrion associated inducer of death, Apoptosis inducing factor A like mitochondrion associated inducer of death, Apoptosis inducing factor mitochondrion associated 2, Apoptosis-inducing factor 2, Apoptosis-inducing factor homologous mitochondrion-associated inducer of death, Apoptosis-inducing factor-like mitochondrion-associated inducer of death, Cys51Stop, p53 responsive gene 3 p53 tumor suppressor p53-responsive gene 3 protein PRG3 TRP53 Tumor protein p53.</p> <p>Background: 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.</p>
Gene ID:	84883
Pathways:	Hormone Activity , Feeding Behaviour

Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months