

ARG66883 anti-AIFM2 / AMID antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes AIFM2 / AMID
Tested Reactivity	Hu, Mk
Predict Reactivity	Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	AIFM2 / AMID
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 141-190 of Human AIFM2 / AMID.
Conjugation	Un-conjugated
Alternate Names	AMID; Apoptosis-inducing factor-like mitochondrion-associated inducer of death; p53-responsive gene 3 protein; PRG3; Apoptosis-inducing factor homologous mitochondrion-associated inducer of death; Apoptosis-inducing factor 2

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:300
	WB	1:500 - 1:2000
Application Note	IHC-P: Antigen Retrieval: Tris/EDTA buffer (pH 8.0) at high pressure and temperature. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	COS7	
Observed Size	~ 41 kDa	

Properties

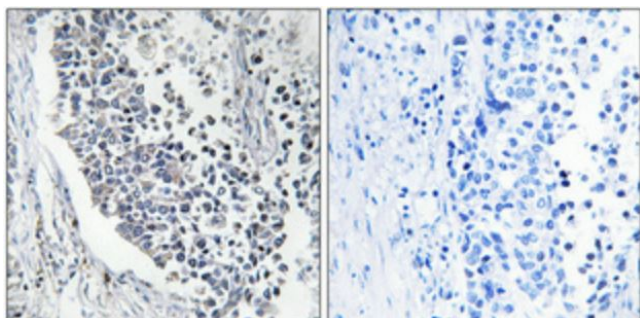
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 0.5% BSA
Concentration	1 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

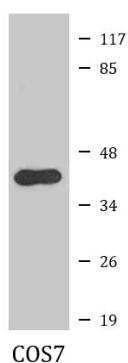
Gene Symbol	AIFM2
Gene Full Name	apoptosis-inducing factor, mitochondrion-associated, 2
Background	This gene encodes a flavoprotein oxidoreductase that binds single stranded DNA and is thought to contribute to apoptosis in the presence of bacterial and viral DNA. The expression of this gene is also found to be induced by tumor suppressor protein p53 in colon cancer cells. [provided by RefSeq, Nov 2010]
Function	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. [UniProt]
Calculated Mw	41 kDa
Cellular Localization	Cytoplasm. Mitochondrion outer membrane. Membrane; Lipid-anchor. [UniProt]

Images



ARG66883 anti-AIFM2 / AMID antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung cancer tissue. Antigen Retrieval: Tris/EDTA buffer (pH 8.0) at high pressure and temperature. The tissue section was stained with ARG66883 anti-AIFM2 / AMID antibody at 1:100 dilution, overnight at 4°C. Negative control (right): Antibody was pre-absorbed by immunogen peptide.



ARG66883 anti-AIFM2 / AMID antibody WB image

Western blot: COS7 cell lysate stained with ARG66883 anti-AIFM2 / AMID antibody.