

Goat anti-AMID / PRG3 Antibody

Item Number	dAP-0604
Target Molecule	Principle Name: AMID / PRG3; Official Symbol: AIFM2; All Names and Symbols: AIFM2; AMID; PRG3; apoptosis-inducing factor (AIF)-like mitochondrion-associated inducer of death; 5430437E11Rik; p53-responsive gene 3; apoptosis-inducing factor (AIF)-homologous mitochondrion-associated inducer of death; apoptosis-inducing factor, mitoc; Accession Number (s): NP_116186.1; Human Gene ID(s): 84883; Non-Human GenelD(s):
Immunogen	GSQVSVESGALHC, is from N Terminus
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Preliminary experiments gave an approx 48-50kDa band in Human Colon and Duodenum lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculation.
IHC	Immunohistochemistry: Paraffin embedded Human Skeletal Muscle and Heart. Recommended concentration: 4µg/ml.
Reference	Reference(s): Ohiro Y, Garkavtsev I, Kobayashi S, Sreekumar KR, Nantz R, Higashikubo BT, Duffy SL, Higashikubo R, Usheva A, Gius D, Kley N, Horikoshi N. A novel p53-inducible apoptogenic gene, PRG3, encodes a homologue of the apoptosis-inducing factor (AIF). FEBS Lett. 2002 Jul 31;524(1-3):163-71.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**