

## Goat anti-Fumarase / FH Antibody

<b>Item Number</b>	dAP-1139
<b>Target Molecule</b>	Principle Name: Fumarase / FH; Official Symbol: FH; All Names and Symbols: fumarate hydratase; HLRCC; LRCC; MCL; MCUL1; fumarase; leiomyomatosis and renal cell cancer; multiple hereditary cutaneous leiomyomata; Accession Number (s): NP_000134.2; Human Gene ID(s): 2271; Non-Human GeneID(s): 14194 (mouse) 24368 (rat)
<b>Immunogen</b>	HPNDHVNKSQSSND, is from internal region
<b>Applications</b>	Pep ELISA, WB, IHC, EIA Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	Western Blot: Approx 48kDa band observed in Human Kidney, Liver and Lung lysates (calculated MW of 54.6kDa according to NP_000134.2). The observed molecular weight corresponds to earlier findings with antibodies from different sources. In transfected HE
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Skeletal Muscle and Heart. Recommended concentration: 3.75µg/ml.
<b>Reference</b>	Reference(s): Pollard PJ, Spencer-Dene B, Shukla D, Howarth K, Nye E, El-Bahrawy M, Deheragoda M, Joannou M, McDonald S, Martin A, Igarashi P, Varsani-Brown S, Rosewell I, Poulsom R, Maxwell P, Stamp GW, Tomlinson IP. Targeted inactivation of fh1 causes proliferative renal cyst development and activation

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 ender users! This product is sold for **Research Use Only**