

## Goat anti-ACSL5 Antibody

<b>Item Number</b>	dAP-0844
<b>Target Molecule</b>	Principle Name: ACSL5; Official Symbol: ACSL5; All Names and Symbols: ACSL5; acyl-CoA synthetase long-chain family member 5; HGNC:16526; ACS2; ACS5; FACL5; fatty-acid-Coenzyme A ligase, long-chain 5; long-chain acyl-CoA synthetase 5; long-chain fatty acid coenzyme A ligase 5; Accession Number (s): NP_057318.2; NP_976313.1; NP_976314.1; Human Gene ID(s): 51703; Non-Human GeneID(s):
<b>Immunogen</b>	RTQIDSLYEHIQD, is from C Terminus This antibody is expected to recognise isoform a (NP_057318.2) and isoform b (NP_976313.1 and NP_976314.1).
<b>Applications</b>	Pep ELISA, WB, IHC  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 16000.
<b>Western Blot</b>	Western Blot: Approx 75kDa band observed in Human Spleen lysates (calculated MW of 76.0kDa according to NP_976313.1 and NP_976314.1). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Small Intestine. Recommended concentration: 5µg/ml.
<b>Reference</b>	Reference(s): Obermuller N, Keith M, Kopitz J, Autschbach F, Schirmacher P, Gassler N. Coeliac disease is associated with impaired expression of acyl-CoA-synthetase 5. <i>Int J Colorectal Dis.</i> 2005 Apr 5; [Epub ahead of print]. PMID: 15809837 ->

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**