

### **International Office**

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# EB07250 - Goat Anti-ACSL5 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** 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

Official Symbol: ACSL5

Accession Number(s): NP\_057318.2; NP\_976313.1; NP\_976314.1

Human GeneID(s): 51703

Important Comments: This antibody is expected to recognise isoform a (NP\_057318.2)

and isoform b (NP\_976313.1 and NP\_976314.1).

### Immunogen

Peptide with sequence C-RTQIDSLYEHIQD, from the C Terminus of the protein sequence according to NP\_057318.2; NP\_976313.1; NP\_976314.1.

Please note the peptide is available for sale.

# **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

# **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 75kDa band observed in Human Spleen lysates (calculated MW of 76.0kDa according to NP\_976313.1and NP\_976314.1). Recommended concentration: 1-3μg/ml.

IHC: Paraffin embedded Human Small Intestine. Recommended concentration: 5µg/ml.

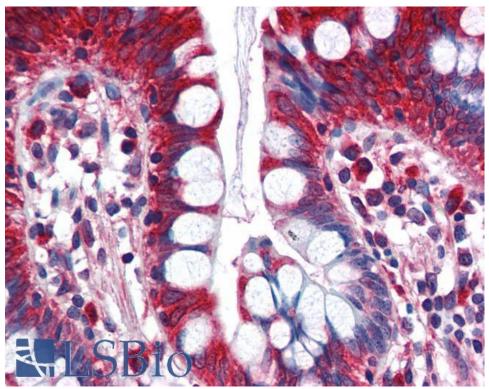
#### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

EB07250 (1 $\mu$ g/ml) staining of Human Spleen lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB07250 ( $5\mu g/ml$ ) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.