

## Anti-Aconitase 2, Biotinylated antibody (541-555) {Biotin} (STJ73497)

STJ73497

### GENERAL INFORMATION

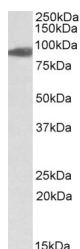
|                          |                                                                                                                                        |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type</b>      | Primary antibodies                                                                                                                     |
| <b>Short Description</b> | Goat polyclonal antibody anti-Aconitase 2, Biotinylated (541-555) is suitable for use in ELISA and Western Blot research applications. |
| <b>Applications</b>      | Pep-ELISA/WB                                                                                                                           |
| <b>Host/Source</b>       | Goat                                                                                                                                   |
| <b>Reactivity</b>        | Human/Mouse/Rat/Dog/Cow/Pig                                                                                                            |

### PRODUCT PROPERTIES

|                            |                                                                                                                                                                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                |
| <b>Clone ID</b>            |                                                                                                                                                                                                                                                           |
| <b>Concentration</b>       | 0.5 mg/mL                                                                                                                                                                                                                                                 |
| <b>Conjugation</b>         | Biotin                                                                                                                                                                                                                                                    |
| <b>Purification</b>        | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                                                                                                                     |
| <b>Dilution Range</b>      | Peptide ELISA: antibody detection limit dilution 1:16000.<br>WB: Approx 90kDa band observed in Human Heart lysates, in Human, Mouse and Rat Adipose lysates and in Mouse, Rat and Pig Skeletal Muscle lysates (calculated MW of 85.4kDa according to NP_0 |
| <b>Formulation</b>         | 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA                                                                                                                                                                    |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                                                       |
| <b>Storage Instruction</b> | Store at -20°C on receipt and minimise freeze-thaw cycles.                                                                                                                                                                                                |

### TARGET INFORMATION

|                           |                   |
|---------------------------|-------------------|
| <b>Gene ID</b>            | 50                |
| <b>Gene Symbol</b>        | ACO2              |
| <b>Uniprot ID</b>         | ACON_HUMAN        |
| <b>Immunogen</b>          |                   |
| <b>Immunogen Region</b>   | 541-555           |
| <b>Specificity</b>        |                   |
| <b>Immunogen Sequence</b> | CQDTYQHPPKDSSGQH. |



Biotinylated STJ72159 (0.01 µg/ml) staining of Human Heart lysate (50 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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