



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB05131 - Goat Anti-SLC16A7 / MCT2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SLC16A7, solute carrier family 16 (monocarboxylic acid transporters), member 7, MCT2, monocarboxylate transporter 2, solute carrier family 16, member 7 (monocarboxylic acid transporter 2), solute carrier family 16, member 7

**Official Symbol:** SLC16A7

**Accession Number(s):** NP\_004722.2

**Human GeneID(s):** [9194](#)

### Immunogen

Peptide with sequence C-SNAQSVTSERETNI, from the C Terminus of the protein sequence according to NP\_004722.2.

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 1:128000.

**Western blot:** Approx 40-45kDa band observed in A549, lung epithelial (lung carcinoma) lysates (calculated MW of 52.2 kDa according to NP\_004722). This molecular weight is routinely observed by other sources. Recommended concentration: 1-3µg/ml.

**IHC:** Paraffin embedded Human Testis. Recommended concentration: 2.5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB05131 (1µg/ml) staining of A549 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.

EB05131 (2.5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer  
pH 6, AP-staining.