



## International Office

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

## EB10681 - Goat Anti-SCOC Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SCOC, short coiled-coil protein, SCOCO, short coiled coil protein

**Official Symbol:** SCOC

**Accession Number(s):** NP\_001146956.1; NP\_001147135.1; NP\_001147024.1;  
NP\_115936.2; NP\_001147107.1; NP\_001147162.1

**Human GeneID(s):** [60592](#)

**Non-Human GeneID(s):** 56367 (mouse), 364981 (rat)

**Important Comments:** This antibody is expected to recognize all six reported isoforms (NP\_001146956.1; NP\_001147135.1; NP\_001147024.1; NP\_115936.2; NP\_001147107.1; NP\_001147162.1). Reported variants represent identical protein: NP\_001147057.1, NP\_001146918.1, NP\_115936.2

### Immunogen

Peptide with sequence C-HTLEDLSARVDAVKE, from the internal region (near C Terminus) of the protein sequence according to NP\_001146956.1; NP\_001147135.1; NP\_001147024.1; NP\_115936.2; NP\_001147107.1; NP\_001147162.1.

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

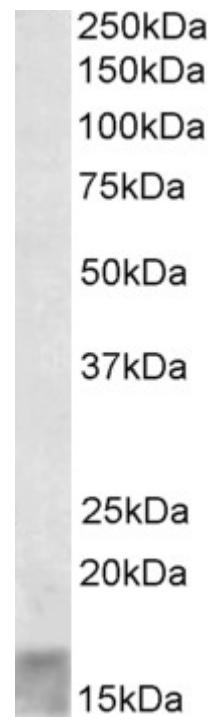
**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Approx 16kDa band observed in Human Skeletal Muscle lysates (calculated MW of 18.0kDa according to NP\_001146956.1). Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow



EB10681 (0.1 $\mu$ g/ml) staining of Human Skeletal Muscle lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.