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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 GenelD(s): 60592

Non-Human GenelD(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

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

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