

SCOC Antibody (C or N-Term)
Peptide-affinity purified goat antibody
Catalog # AF3447a**Specification**

SCOC Antibody (C or N-Term) - Product Information

Application	WB
Primary Accession	O9UIL1
Other Accession	NP_001146956.1 , NP_001147135.1 , NP_001147024.1 , NP_115936.2 , NP_001147107.1 , NP_001147162.1 , 60592 , 56367 (mouse), 364981 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	18045

SCOC Antibody (C or N-Term) - Additional Information**Gene ID** 60592**Other Names**

Short coiled-coil protein, SCOC, SCOCO

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SCOC Antibody (C or N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

SCOC Antibody (C or N-Term) - Protein Information**Name** SCOC**Synonyms** SCOCO**Function**

Positive regulator of amino acid starvation-induced autophagy.

Cellular Location

Golgi apparatus membrane; Peripheral membrane protein; Cytoplasmic side. Golgi apparatus, trans-Golgi network Cytoplasm, cytosol

Tissue Location

Widely expressed with highest levels in brain, heart and skeletal muscle.

SCOC Antibody (C or N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SCOC Antibody (C or N-Term) - Images

AF3447a (0.1 µg/ml) staining of Human Skeletal Muscle lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

SCOC Antibody (C or N-Term) - Background

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

SCOC Antibody (C or N-Term) - References

A mechanism regulating the onset of Sox2 expression in the embryonic neural plate. Papanayotou C, Mey A, Birot AM, Saka Y, Boast S, Smith JC, Samarut J, Stern CD, PLoS biology 2008 Jan 6 (1): e2. PMID: 18184035