

Goat Anti-EXOG Antibody (C Terminus)
Purified Goat Polyclonal Antibody
Catalog # AF4250a**Specification**

Goat Anti-EXOG Antibody (C Terminus) - Product Information

Application	WB, E
Primary Accession	O9Y2C4
Other Accession	NP_005098.2 , NP_001138936.1
Reactivity	Human
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5
Calculated MW	41085

Goat Anti-EXOG Antibody (C Terminus) - Additional Information**Gene ID** 9941**Other Names**

EXOG; endo/exonuclease (5'-3'), endonuclease G-like; ENDOGL1; ENDOGL2; ENGL; ENGL-a; ENGL-b; ENGLA; ENGLB; endo G-like 1; endonuclease G-like 1; endonuclease G-like 2; nuclease EXOG, mitochondrial

Dilution

WB~~1:1000

E~~N/A

Format

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.

Immunogen

Peptide with sequence C-KAKEQSGTQIRKP, from the C Terminus of the protein sequence according to NP_005098.2; NP_001138936.1.

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

Goat Anti-EXOG Antibody (C Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-EXOG Antibody (C Terminus) - Protein Information

Name EXOG

Synonyms ENDOGL1, ENDOGL2, ENGL

Function

Endo/exonuclease with nicking activity towards supercoiled DNA, a preference for single-stranded DNA and 5'-3' exonuclease activity.

Cellular Location

Mitochondrion inner membrane

Tissue Location

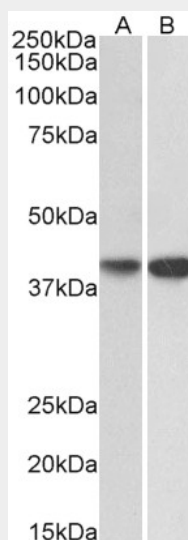
Ubiquitous.

Goat Anti-EXOG Antibody (C Terminus) - 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](#)

Goat Anti-EXOG Antibody (C Terminus) - Images



AF4250a (0.2 µg/ml) staining of HepG2 (A) and Jurkat (B) lysates (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-EXOG Antibody (C Terminus) - References

Apoptosis induced by persistent single-strand breaks in mitochondrial genome: critical role of EXOG (5'-EXO/endonuclease) in their repair. Tann AW, Boldogh I, Meiss G, Qian W, Van Houten B, Mitra S, Szczesny B. The Journal of biological chemistry 2011 Sep 286 (37): 31975-83.