

EDC3 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20283c**Specification**

EDC3 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O96F86
Other Accession	O4R8V9 , NP_079359.2
Reactivity	Human
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	56078
Antigen Region	219-247

EDC3 Antibody (Center) - Additional Information**Gene ID** 80153**Other Names**

Enhancer of mRNA-decapping protein 3, LSM16 homolog, YjeF N-terminal domain-containing protein 2, YjeF_N2, hYjeF_N2, YjeF domain-containing protein 1, EDC3, LSM16, YJDC, YJEFN2

Target/Specificity

This EDC3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 219-247 amino acids from the Central region of human EDC3.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

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

Precautions

EDC3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

EDC3 Antibody (Center) - Protein Information**Name** EDC3

Synonyms LSM16, YJDC, YJEFN2

Function Binds single-stranded RNA. Involved in the process of mRNA degradation and in the positive regulation of mRNA decapping. May play a role in spermiogenesis and oogenesis.

Cellular Location

Cytoplasm, P-body. Note=Processing bodies (PB)

Tissue Location

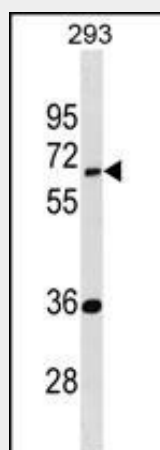
Expressed in theca and granulosa cells in ovary, and in spermatids of the meiotic division part II and apical membrane of Sertoli cells in testis (at protein level). Also expressed in brain and mammary gland.

EDC3 Antibody (Center) - 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](#)

EDC3 Antibody (Center) - Images



EDC3 Antibody (Center) (Cat. #AP20283c) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the EDC3 antibody detected the EDC3 protein (arrow).

EDC3 Antibody (Center) - Background

EDC3 is associated with an mRNA-decapping complex required for removal of the 5-prime cap from mRNA prior to its degradation from the 5-prime end (Fenger-Gron et al., 2005 [PubMed 16364915]).

EDC3 Antibody (Center) - References

Tritschler, F., et al. Mol. Cell 33(5):661-668(2009)
Ling, S.H., et al. Mol. Cell. Biol. 28(19):5965-5976(2008)
Tritschler, F., et al. Mol. Cell. Biol. 27(24):8600-8611(2007)
Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)
Rudolph, C., et al. Horm. Metab. Res. 39(5):322-335(2007)