

STRA8 (aa70-81) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3776a

Specification

STRA8 (aa70-81) Antibody (internal region) - Product Information

Application	E
Primary Accession	O7Z7C7
Other Accession	NP_872295.1 , 346673 , 500079 (rat)
Predicted	Human, Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	36908

STRA8 (aa70-81) Antibody (internal region) - Additional Information

Gene ID 346673

Other Names

Stimulated by retinoic acid gene 8 protein homolog, STRA8 {ECO:0000312|EMBL:AAP47163.1}

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

STRA8 (aa70-81) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

STRA8 (aa70-81) Antibody (internal region) - Protein Information

Name STRA8 ([HGNC:30653](#))

Function

Meiosis-inducer required for the transition into meiosis for both female and male germ cells. In female germ cells, acts downstream of ZGLP1 as a key effector of the meiotic program: required for premeiotic DNA replication and subsequent events in meiotic prophase. During spermatogenesis, next to its role in meiotic initiation, promotes (but is not required for) spermatogonial differentiation. In complex with MEIOSIN, directly activates the transcription of a subset of critical meiotic genes playing a central role in cell-cycle switching from mitosis to meiosis.

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P70278}. Nucleus {ECO:0000250|UniProtKB:P70278}.
Note=Shuttles between nucleus and cytoplasm. Nuclear export is XPO1-dependent
{ECO:0000250|UniProtKB:P70278}

Tissue Location

Expressed specifically in testis and fetal ovaries.

STRA8 (aa70-81) Antibody (internal region) - 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](#)

STRA8 (aa70-81) Antibody (internal region) - Images**STRA8 (aa70-81) Antibody (internal region) - References**

Meiosis initiation in the human ovary requires intrinsic retinoic acid synthesis. Le Bouffant R, Guerquin MJ, Duquenne C, Frydman N, Coffigny H, Rouiller Fabre V, Frydman R, Habert R, Livera G. Hum Reprod. 2010 Oct;25(10):2579-90. PMID: 20670969