

**Stra8 Polyclonal Antibody**  
**Catalog # AP73740****Specification**

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**Stra8 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q7Z7C7</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**Stra8 Polyclonal Antibody - Additional Information****Gene ID** 346673**Other Names**

STRA8; Stimulated by retinoic acid gene 8 protein homolog

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**Stra8 Polyclonal Antibody - 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**

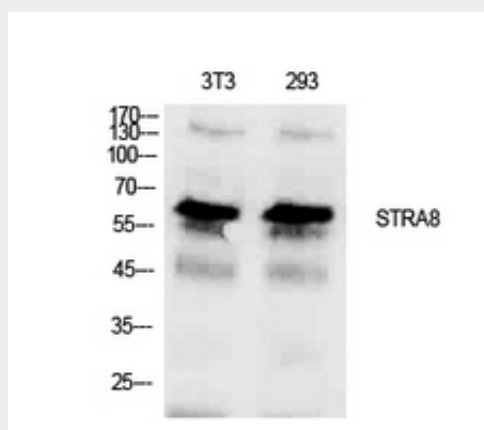
Expressed specifically in testis and fetal ovaries.

## Stra8 Polyclonal Antibody - 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 Polyclonal Antibody - Images



Western Blot analysis of NIH-3T3, 293 cells using Stra8 Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000

## Stra8 Polyclonal Antibody - Background

Meiosis-inducer required for the transition into meiosis for both female and male germ cells. In female germ cells, 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. Can associate with DNA (possibly in an indirect manner), and in vitro can activate DNA transcription (By similarity).