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Stra8 Polyclonal Antibody
Catalog # AP73740

Specification

Stra8 Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	Q7Z7C7
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℃

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.

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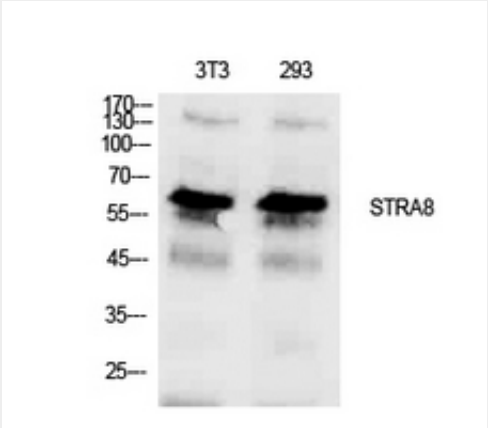
Stra8 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Stra8 Polyclonal Antibody - Images



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).