

Anti-Stra8 Antibody

Catalog Number: PA1685

About STRA8

Stra8, stimulated by retinoic acid 8, is expressed in embryonic ovaries just before meiotic initiation, whereas in testis it is expressed after birth. The STRA8 gene contains 9 exons. And this gene is mapped to chromosome 7q31. Retinoic acid(RA) signaling was required for Stra8 expression, and therefore initiation of meiosis, in embryonic mouse ovaries. RA was sufficient to induce Stra8 expression in embryonic testis. Cyp26-mediated RA metabolism was responsible for delaying Stra8 expression in embryonic testis. Since RA signaling regulated Stra8 expression in both embryonic ovaries and adult testis, it was said this portion of the meiotic initiation pathway may be identical in both sexes.

Overview

Product Name	Anti-Stra8 Antibody
Reactive Species	Human
Description	Rabbit IgG polyclonal antibody for Stimulated by retinoic acid gene 8 protein homolog(STRA8) detection. Tested with WB in Human.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Storage Instructions	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q7Z7C7

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Stra8(313-330aa DEEMIMLQCTETFDDEDL).
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Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross reactivity with other proteins
Isotype	N/A
Form	Lyophilized
Concentration	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5µg/ml, Human
	For protocols please visit https://www.bosterbio.com/protocol-and-troubleshooting/

Anti-Stra8 Antibody (PA1685) Images



Anti-Stra8 antibody, PA1685, Western blotting

Lane 1: A231 Cell Lysate

Lane 2: JURKAT Cell Lysate

Lane 3: HT1080 Cell Lysate

Lane 4: SCG Cell Lysate

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