

Anti-Stra8 Antibody

Catalog # ABO10846

Product Information

Application	WB
Primary Accession	D4ADQ4
Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Protein Stra8(STRA8) detection. Tested with WB in Rat.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Calculated MW	41262 Da
Application Details	Western blot, 0.1-0.5 µg/ml, Rat
Protein Name	Protein Stra8
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of rat Stra8(341-355aa DDDVMLLKCLETFDD), different from the related mouse sequence by one amino acid.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	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.

Protein Information

Background

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.

Images



Anti- Stra8 antibody, ABO10846, Western blotting
lanes: Anti Stra8(ABO10846) at 0.5ug/mlWB : Rat Testis
Tissue Lysate at 50ug
Predicted bind size: 37KD
Observed
bind size: 37KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.