

Datasheet for ABIN3032753  
**anti-STRA8 antibody (AA 341-355)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	STRA8
Binding Specificity:	AA 341-355
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STRA8 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Amino acids 341-355 (DDVMLLKCLETFDD-rat) were used as the immunogen for this Stra8 antibody.
Isotype:	IgG
Purification:	Antigen affinity

## Target Details

Target:	STRA8
Alternative Name:	Stra8 ( <a href="#">STRA8 Products</a> )
Background:	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,

## Target Details

and therefore initiation of meiosis, in embryonic mouse ovaries. RA was sufficient to induce expression in embryonic testis. Cyp26-mediated RA metabolism was responsible for delaying 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.

UniProt: [D4ADQ4](#)

## Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the Stra8 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL

Restrictions: For Research Use only

## Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

Storage Comment: After reconstitution, the Stra8 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

## Images



### Western Blotting

**Image 1.** Western blot testing of Stra8 antibody and rat testis; Predicted size: 37KD; Observed size: 37KD



Western Blotting

**Image 2.** Western blot testing of Stra8 antibody and rat testis