

## ADAM1B antibody [#158]

Cat. No. GTX00690

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF
Reactivity	Mouse

References ( 3 )

Package

100 µg

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:100-1:500
ICC/IF	1:300

Not tested in other applications.

**Calculated MW** 89 kDa. ( [Note](#) )

**Product Note** This antibody showed no reactivity with ADAM1A (confirmed by WB using recombinant ADAM1A and ADAM1B proteins).

## Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 50% Glycerol
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Mouse sperm
Purification	Purified IgG
Conjugation	Unconjugated

## Note

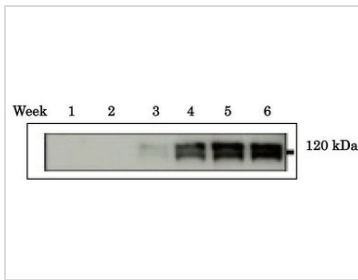
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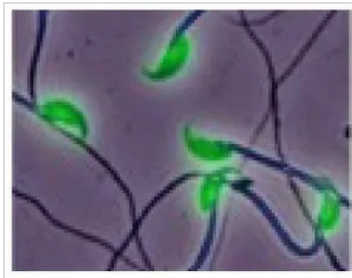
## DATA IMAGES



### GTX00690 WB Image

WB analysis of mouse testis lysates collected from different ages using GTX00690 ADAM1B antibody [#158].

ADAM1B appeared as a faint signal at 3 weeks of age.

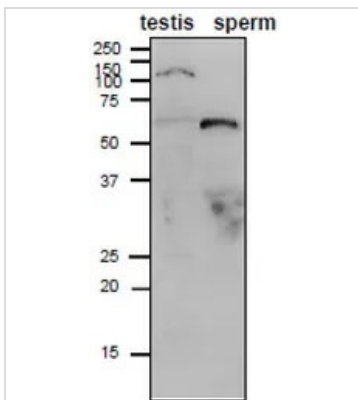


### GTX00690 ICC/IF Image

ICC/IF analysis of fresh mouse sperms using GTX00690 ADAM1B antibody [#158].

Dilution : 1:300

Fixation : 4% PFA



### GTX00690 WB Image

WB analysis of various mouse tissue samples using GTX00690 ADAM1B antibody [#158]. The Adam1B synthesized in testis (120 kDa) is proteolytically processed into smaller form (60 kDa) in sperm during the epididymal maturation of the spermatozoa. By western blotting, ADAM1B is detected in testis extract at 120 kDa position, which is due to glycosylation and larger than predicted size of 89 kDa from the sequence. This protein is testis-specific.

Dilution : 1:100

This protein is testis-specific.



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