

For Research Use Only

# ADAM18 Polyclonal antibody

Catalog Number: 23494-1-AP



## Basic Information

Catalog Number: 23494-1-AP	GenBank Accession Number: BC121045	Purification Method: Antigen affinity purification
Size: 150ul	GeneID (NCBI): 8749	
Source: Rabbit	UNIPROT ID: Q9Y3Q7	
Isotype: IgG	Full Name: ADAM metalloproteinase domain 18	
Immunogen Catalog Number: AG18672	Calculated MW: 739 aa, 83 kDa	

## Applications

Tested Applications:  
ELISA

Species Specificity:  
human

## Background Information

ADAM18 (Disintegrin and metalloproteinase domain-containing protein 18) is also named as TMDC3. It is a sperm surface membrane protein that may be involved in spermatogenesis and fertilization. This is a non catalytic metalloproteinase-like protein. It has a tripeptide motif (ECD) within disintegrin-like domain, which could be involved in the binding to egg integrin receptor and thus could mediate sperm/egg binding. The full length protein has 12 glycosylation sites, a signal peptide and a propeptide.

## Storage

Storage:  
Store at -20°C. Stable for one year after shipment.

Storage Buffer:  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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