

Datasheet for ABIN2785559  
**anti-EDDM3B antibody (Middle Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	EDDM3B
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Sequence:	ISWYKIEHIC TSDNWMDRFR NAYVWVQNPL KVLKCHQENS KNSYTESRSF
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against EDDM3B. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	EDDM3B
Alternative Name:	EDDM3B ( <a href="#">EDDM3B Products</a> )
Background:	Testicular sperm are morphologically differentiated but are not progressively motile nor able to fertilize an egg. Post-testicular maturation requires exposure of spermatozoa to the microenvironment of the epididymal lumen. Spermatozoa undergo extensive changes in the epididymis, including enzymatic modifications, loss of pre-existing components and addition of

## Target Details

new glycoproteins from epididymal secretions. These modifying proteins and enzymes are synthesized by epithelial cells lining the epididymal duct and secreted apically into the lumen, where they come into contact with, and may be absorbed onto, the sperm membranes. The proteins encoded by the genes in this cluster are synthesized and secreted by epididymal epithelial cells.

Alias Symbols: EP3B, FAM12B, HE3-BETA, HE3B

Protein Interaction Partner: SYNE4,

Protein Size: 147

Molecular Weight: 16 kDa

Gene ID: 64184

NCBI Accession: [NM\\_022360](#), [NP\\_071755](#)

UniProt: [P56851](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 147 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

