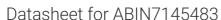
# antibodies .- online.com





## anti-DEFB126 antibody (AA 36-111) (HRP)



#### Overview

Quantity:	100 μg
Target:	DEFB126
Binding Specificity:	AA 36-111
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DEFB126 antibody is conjugated to HRP
Application:	ELISA

#### **Product Details**

Immunogen:	Recombinant Human Beta-defensin 126 protein (36-111AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	DEFB126
Alternative Name:	DEFB126 (DEFB126 Products)
Background:	Background: Highly glycosylated atypical beta-defensin involved in several aspects of sperm
	function. Facilitates sperm transport in the female reproductive tract and contributes to sperm

#### **Target Details**

protection against immunodetection, both functions are probably implicating the negative surface charge provided by its O-linked oligosaccharides in the sperm glycocalyx. Involved in binding of sperm to oviductal epithelial cells to form a sperm reservoir until ovulation. Release from the sperm surface during capacitation and ovaluation by an elevation of oviductal fluid pH is unmasking other surface components and allows sperm to penetrate the cumulus matrix and bind to the zona pellucida of the oocyte (By similarity). In vitro has antimicrobial activity and may inhibit LPS-mediated inflammation (PubMed:19373462, PubMed:23229569).

Aliases: DEFB126 antibody, C20orf8 antibody, DEFB26Beta-defensin 126 antibody, Beta-defensin 26 antibody, DEFB-26 antibody, Defensin antibody, beta 126 antibody, Epididymal secretory protein 13.2 antibody, ESP13.2 antibody, HBD26 antibody

UniProt:

Q9BYW3

#### **Application Details**

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.