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#### Datasheet for ABIN7117845

## anti-PCSK4 antibody



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Quantity:	100 μg
Target:	PCSK4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

#### **Product Details**

Immunogen:	proprotein convertase subtilisin/kexin type 4
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

#### **Target Details**

Target:	PCSK4
Alternative Name:	PCSK4 (PCSK4 Products)
Background:	Synonyms:PC4, PCSK4, Proprotein convertase 4, SPC5 Background:Proprotein convertase involved in the processing of hormone and other protein precursors at sites comprised of pairs of basic amino acid residues(By similarity). In males, important for ADAM2 processing as well as other acrosomal proteins with roles in fertilization and critical for normal fertilization events
	such as sperm capacitation, acrosome reaction and binding of sperm to zona pellucida(By

#### **Target Details**

similarity). Plays also a role in female fertility, involved in the regulation of trophoblast migration and placental development, may be through the proteolytical processing and activation of proteins such as IGF2(PubMed:16040806). May also participate to folliculogenesis in the ovaries(By similarity).

Molecular Weight: 54kd

Gene ID: 54760

UniProt: Q6UW60

### **Application Details**

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

#### Handling

Format:	Liquid	
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)	
Expiry Date:	12 months	