

PCSK4 Rabbit pAb

CatalogNo: YN7630

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 83kD (Calculated)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human PCSK4

Specificity This antibody detects endogenous levels of PCSK4 at Human, Mouse, Rat

Target Information

Gene name PCSK4 PC4 UNQ2757/PRO6496

Protein Name Proprotein convertase subtilisin/kexin type 4 (Proprotein convertase 4) (PC4)

Organism	Gene ID	UniProt ID
Human	54760 ;	Q6UW60 ;
Mouse	18551 ;	P29121 ;
Rat	171085 ;	Q78EH2 ;

Cellular Localization Membrane ; Single-pass membrane protein . Cytoplasmic vesicle, secretory vesicle, acrosome membrane .

Tissue specificity Placenta.

Function 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 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 . May also participate in folliculogenesis in the ovaries (By similarity).

| Validation Data

| Contact information

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PCSK4 Rabbit pAb

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