

PCSK6 Antibody

Catalog No: #62216

Package Size: #62216 100ul

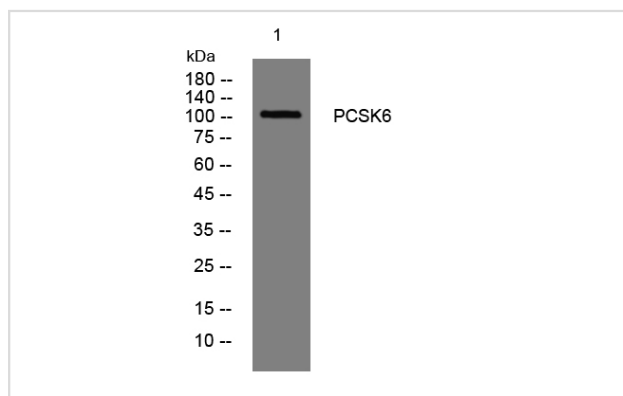
Description

Product Name	PCSK6 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Human; Rat
Specificity	The antibody detects endogenous level of total PCSK6 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human PCSK6 AA range: 734-784
Conjugates	Unconjugated
Target Name	PCSK6
Calculated MW	105kDa
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB 1:500-2000

Images



All lanes : PCSK6 Antibody at 1/1K dilution
 Lane 1 : 3T3 whole cell lysates
 Lysates/proteins at 20 ug per lane.
 Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
 Predicted band size: 106 kDa Observed band size: 106 kDa
 Exposure time: 5 seconds

Background

This gene encodes a member of the subtilisin-like proprotein convertase family, which includes proteases that process protein and peptide precursors trafficking through regulated or constitutive branches of the secretory pathway. The encoded protein undergoes an initial autocatalytic processing event in the ER to generate a heterodimer which exits the ER and sorts to the trans-Golgi network where a second autocatalytic event takes place and

the catalytic activity is acquired. The encoded protease is constitutively secreted into the extracellular matrix and expressed in many tissues, including neuroendocrine, liver, gut, and brain. This gene encodes one of the seven basic amino acid-specific members which cleave their substrates at single or paired basic residues. Some of its substrates include transforming growth factor beta related proteins, proalbumin, and von Willebrand factor. This gene is thought to play a role in tumor progression and left-right patterning. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Feb 2014],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.