



## Rabbit anti-Mouse FURIN polyclonal antibody (DPAB-DC798)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	FURIN (furin (paired basic amino acid cleaving enzyme)) is a protein-coding gene. Diseases associated with FURIN include dementia familial british, and parainfluenza virus type 3, and among its related super-pathways are HIV Life Cycle and Degradation of the extracellular matrix. GO annotations related to this gene include peptidase activity and serine-type endopeptidase activity. An important paralog of this gene is PCSK2.
<b>Specificity</b>	This antibody recognizes ~95-110 KDa Furin/PACE. A splice variant (~60 KDa) can also be detected.
<b>Immunogen</b>	A synthetic peptide corresponding to residues surrounding amino acids 779 of mouse Furin.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Tissue lysate),
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In PBS, pH 7.2 (30% glycerol, 0.5 mg/mL BSA, 0.01% thimerosal)
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">Furin furin (paired basic amino acid cleaving enzyme) [ <i>Mus musculus</i> (house mouse) ]</a>
Official Symbol	FURIN
Synonyms	FURIN; furin (paired basic amino acid cleaving enzyme); Fur; PACE; SPC1; Pcsk3; 9130404I01Rik; furin; prohormone convertase 3; dibasic-processing enzyme; subtilisin protein processing enzyme; proprotein convertase subtilisin/kexin type 3; paired basic amino acid residue cleaving enzyme; paired basic amino acid residue-cleaving enzyme;
Entrez Gene ID	<a href="#">18550</a>
Protein Refseq	<a href="#">NP_001074923</a>
UniProt ID	<a href="#">P23188</a>
Chromosome Location	7 D1-E2; 7 45.65 cM
Pathway	Activation of Matrix Metalloproteinases; Degradation of the extracellular matrix; Developmental Biology; Elastic fibre formation
Function	endopeptidase activity; hydrolase activity; metal ion binding; nerve growth factor binding