

Rabbit Furin Polyclonal Antibody | anti-FURIN antibody

Anti-Furin Antibody

CATALOG # AAA46084	HOST Rabbit	REACTIVITY Human. No cross reactivity with other proteins.	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

Furin; Polyclonal Antibody; Anti-Furin Antibody; Dibasic processing enzyme antibody; Dibasic-processing enzyme antibody; FES upstream region antibody; FUR antibody; FURIN antibody; Furin membrane associated receptor protein antibody; FURIN_HUMAN antibody; PACE antibody; Paired basic amino acid residue cleaving enzyme antibody; Paired basic amino acid residue-cleaving enzyme antibody; PCSK3 antibody; Proprotein convertase subtilisin/kexin type 3 antibody; SPC1 antibody; furin (paired basic amino acid cleaving enzyme); anti-FURIN antibody

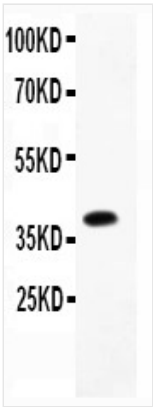
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	794
Applicable Applications for anti-FURIN antibody	WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human Furin recombinant protein (Position: T591-L794). Human Furin shares 88% amino acid (aa) sequence identity with both mouse and rat Furin.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti- Furin Picoband antibody, AAA46084, Western blottingAll lanes: Anti Furin (AAA46084) at 0.5ug/mlLane 1: Hela Whole Cell Lysate at 40ugLane 2: MCF-7 Whole Cell Lysate at 40ugLane 3: Colo320 Whole Cell Lysate at 40ugLane 4: SW620 Whole Cell Lysate at 40ugPredicted bind size: 87KDObserved bind size: 87KD



WB (Western Blot)
Anti- Furin Picoband antibody, AAA46084, Western blottingAll lanes: Anti Furin (AAA46084) at 0.5ug/mlWB: Recombinant Human Furin Protein 0.5ngPredicted bind size: 40KDObserved bind size: 40KD

ADDITIONAL INFORMATION

Related Product Information for anti-FURIN antibody	Description: Rabbit IgG polyclonal antibody for Furin(FURIN) detection. Tested with WB in Human. Background: Furin(Fur), also known as PACE, is a protein that in humans is encoded by the FURIN gene. The protein encoded by this gene is an enzyme which belongs to the subtilisin-like proprotein convertase family. The Furin gene is located approximately 1 kb upstream of the FES gene on chromosome 15q25-q26. This gene is thought to play a role in tumor progression. Furin is one of the proteases responsible for the proteolytic cleavage of HIV envelope polyprotein precursor gp160 to gp120 and gp41 prior to viral assembly. Furin is enriched in the Golgi apparatus, where it functions to cleave other proteins into their mature/active forms. Expression of furin in T-cells is required for maintenance of peripheral immune tolerance.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	577019578
NCBI GeneID	5045
NCBI Accession #	NP_001276752.1
NCBI GenBank Nucleotide #	NM_001289823.1
UniProt Accession #	P09958; Q14336; Q6LBS3; Q9UCZ5
Molecular Weight	86,678 Da
NCBI Official Full Name	furin preproprotein
NCBI Official Synonym Full Names	furin (paired basic amino acid cleaving enzyme)
NCBI Official Symbol	FURIN
NCBI Official Synonym Symbols	FUR; PACE; SPC1; PCSK3
NCBI Protein Information	furin; FES upstream region; dibasic processing enzyme; furin, membrane associated receptor protein; proprotein convertase subtilisin/kexin type 3; paired basic amino acid residue-cleaving enzyme
UniProt Protein Name	Furin
UniProt Gene Name	FURIN
UniProt Synonym Gene Names	FUR; PACE; PCSK3; PACE
UniProt Entry Name	FURIN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/furin-antibody-western-blot-elisa/46084>