

Datasheet for ABIN1590028
anti-FURIN antibody (Internal Region)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	FURIN
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FURIN antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Purpose:	FURIN / PCSK3
Sequence:	RTKRDVYQEP TDP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	FURIN
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Target Details

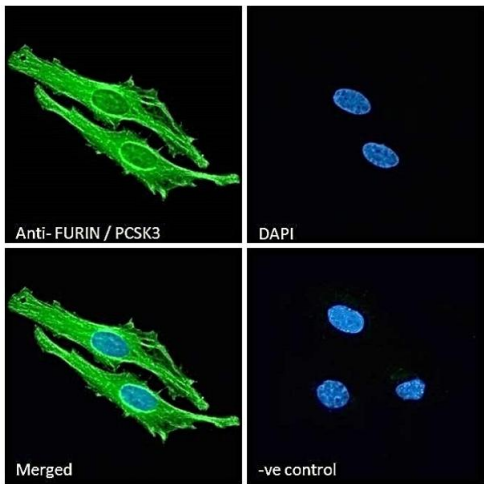
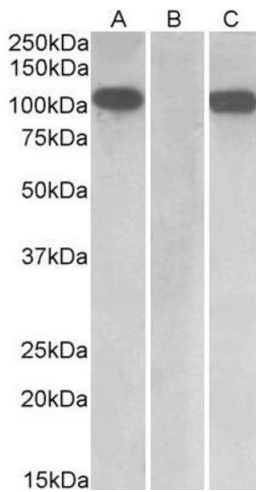
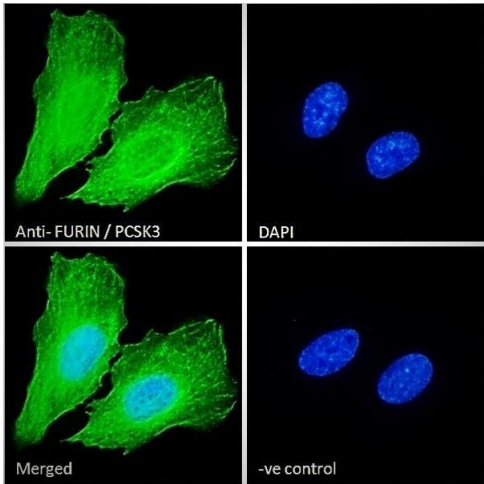
Alternative Name:	FURIN (FURIN Products)
Background:	FURIN, furin (paired basic amino acid cleaving enzyme), FUR, PACE, PCSK3, SPC1, FES upstream region, dibasic processing enzyme, furin, furin, membrane associated receptor protein, paired basic amino acid cleaving enzyme (furin, membrane associated recepto
Gene ID:	5045
NCBI Accession:	NP_002560
Pathways:	Notch Signaling , Neurotrophin Signaling Pathway

Application Details

Application Notes:	Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the plasma membrane and ER/cytoplasm of HeLa cells, and additionally the nucleus of U2OS cells. Recommended concentration: 10µg/ml.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunofluorescence

Image 1. ABIN1590028 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing plasma membrane, cytoplasmic and nuclear staining.

Image 2. HEK293 lysate (10 µg protein in RIPA buffer) overexpressing Human Furin with C-terminal MYC tag probed with ABIN1590028 (1 µg/mL) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with ABIN1590028 (1 µg/mL) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.

Immunofluorescence

Image 3. ABIN1590028 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing plasma membrane and cytoplasmic staining. The nucl