

Datasheet for ABIN2782180
anti-FURIN antibody (N-Term)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	FURIN
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Sheep, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FURIN antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human FURIN
Sequence:	RDVYQEPTDP KFPQQWYLSG VTQRDLNVKA AWAQGYTGHG IVVSILDDGI
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 93%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against FURIN. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	FURIN
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Target Details

Alternative Name:	FURIN (FURIN Products)
Background:	<p>The protein encoded by this gene belongs to the subtilisin-like proprotein convertase family. The members of this family are proprotein convertases that process latent precursor proteins into their biologically active products. This encoded protein is a c</p> <p>Alias Symbols: FUR, PACE, PCSK3, SPC1</p> <p>Protein Interaction Partner: env, UBC, ABCC6, ELAVL1, ZP4, ITM2C, COL23A1, NAGPA, SORCS1, BACE1, PACS1, ADAMTS1, LECT1, TNFSF13, ADAMTS4, ADAM19, SORL1, SERPINB8, AP2M1, EDA, FLNA, VWF, NOTCH1, ZP3, PRB4, PMCH, PDGFA, DSG3, FURIN, LRP1, FLNC,</p> <p>Protein Size: 794</p>
Molecular Weight:	74 kDa
Gene ID:	5045
NCBI Accession:	NM_002569 , NP_002560
UniProt:	P09958
Pathways:	Notch Signaling , Neurotrophin Signaling Pathway

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 794 AA
Restrictions:	For Research Use only

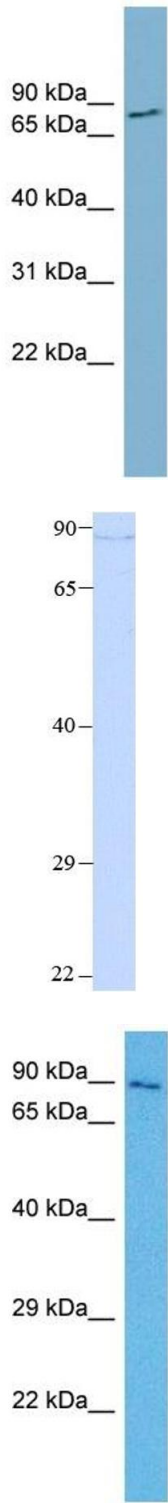
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-FURIN Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: THP-1 cell lysate

Western Blotting

Image 2. Host: Rabbit Target Name: FURIN Sample Type: 293T cell lysate Antibody Dilution: 1.0ug/ml

Western Blotting

Image 3. Host: Rabbit Target Name: FURIN Sample Tissue: Mouse Testis Antibody Dilution: 1ug/ml