

Product Name: Furin (6Z15) Rabbit Monoclonal Antibody
Catalog #: AMRe11184

Summary

Production Name	Furin (6Z15) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	FURIN {ECO:0000303 PubMed:7690548, ECO:0000312 HGNC:HGNC:8568}
Alternative Names	FUR; FURIN; PACE; PCSK3; SPC1;
Gene ID	5045.0
SwissProt ID	P09958.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	87kDa

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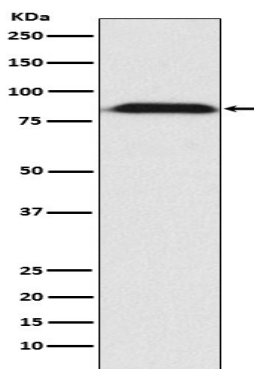


Background

Furin is likely to represent the ubiquitous endoprotease activity within constitutive secretory pathways and capable of cleavage at the RX(K/R)R consensus motif. Ubiquitous endoprotease within constitutive secretory pathways capable of cleavage at the RX(K/R)R consensus motif (PubMed:11799113, PubMed:1629222, PubMed:1713771, PubMed:2251280, PubMed:24666235, PubMed:25974265, PubMed:7592877, PubMed:7690548, PubMed:9130696). Mediates processing of TGF β 1, an essential step in TGF-beta-1 activation (PubMed:7737999). Converts through proteolytic cleavage the non-functional Brain natriuretic factor prohormone into its active hormone BNP(1-32) (PubMed:20489134, PubMed:21763278).

Research Area

Image Data



Western blot analysis of Furin expression in HepG2 cell lysate.

Note

For research use only.

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