

DNAxPAb

Hard-to-Find
Antibody

FURIN DNAxPab

Catalog # H00005045-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human FURIN DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MELRPWLLWVVAATGTLVLLAADAQGQKVFTNTWAVRIPGGPAVANSVARKHGFLNLGQIFGDY YHFWHRGVTKRSLSPHRPRHSRLQREPQVQWLEQQVAKRRTKRDVYQEPTDPKFPQQWYLSG VTQRDLNVKAAWAQGYTGHGVMVSILDDGIEKNHPDLAGNYDPGASFDVNDQDPDPQPRYTQMN DNRHGTRCAGEVA AVANNGVCGVGVAYNARIGGVRLDGEVTD AVEARSLGLNPNIHIYSASW GPEDDGKTVDGPARLAEEAFFRGVSQGRGGLGSIFVWASGNNGGREHDSNCNCDGYTNSIYTL SIS SATQFGNVPWYSEACSSTLATTYSSGNQNEKQMTTDLRQKCTESHTGTSASAPLAAGIALTLEA NKNLTWRDMQHLLVVQTSKPAHLNANDWATNGVGRKVS HSYGYGLLDAGAMVALAQNWTTVAP QRKC IIDILTEPKDIGKRLEVRKTVTACLGEPNHITRLEHAQARLTLSYNRRGD LAIHLVSPMGTRSTL LAARPHDYSADGFNDWAFMTTHSWDEDP SG EWVLEIENTSEANNYGT LTKFTLVLYGT APEGLP VPPESSGCKLTSSQACVVCEE GFS LHQKSCVQHCPPGFAPQVLDTHYSTENDVETIRASVCAP CHASCATCQGPALTDCLSCPSHASLDPVEQTC SRQSQSSRESPPQQQPRLPPEVEAGQRLR AGLLP SHLPEVVAGLSCAFM LVFVTVFLVLQLRSGFSFRGVK VYTMDRGLISYKGLPPEAWQEE CPSDSEED EGRGERTAFIKDQSAL

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — FURIN

Entrez GeneID [5045](#)

GeneBank Accession# [NM_002569.2](#)

Protein Accession# [NP_002560.1](#)

Gene Name FURIN

Gene Alias FUR, PACE, PCSK3, SPC1

Gene Description furin (paired basic amino acid cleaving enzyme)

Omim ID [136950](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 calcium-dependent serine endoprotease that can efficiently cleave precursor proteins at their paired basic amino acid processing sites. Some of its substrates are: parathyroid hormone, transforming growth factor beta 1 precursor, proalbumin, pro-beta-secretase, membrane type-1 matrix metalloproteinase, beta subunit of pro-neuregulin growth factor and von Willebrand factor. It is also thought to be one of the proteases responsible for the activation of HIV envelope glycoproteins gp160 and gp140. This gene is thought to play a role in tumor progression. The use of alternate polyadenylation sites has been found for this gene. [provided by RefSeq]

Other Designations FES upstream region|dibasic processing enzyme|furin|furin, membrane associated receptor protein|paired basic amino acid cleaving enzyme (furin, membrane associated receptor protein)|proprotein convertase subtilisin/kexin type 3

Disease

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