

DNAxPAb

Hard-to-Find
Antibody

ST14 DNAxPab

Catalog # H00006768-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human ST14 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MGSDRARKGGGGPKDFGAGLKYNSRHEKVNGLEEGVEFLPVNNVKKVEKHGPGRWVVLAAVLI
GLLLVLLGIGFLVWHLQYRDVRVQKVFNGYMRITNENFVDAYENSNSTEFVSLASKVKDALKLLYS
GVPFLGPYHKESAVTAFSEGSVIAYYWSEFSIPQHLVEEAERVM AEERVVMLPPRARSLKSFVVT
SVVAFPTDSKTQRTQDNSCSFGLHARGVELMRFTTPGFDPSPYPAHARCQWALRGDADSVLS
LTFRSFDLASC DERGSDLVTYNTLSPMEPHALVQLCGTYPPSYNLTFHSSQNVLLITLITNERRH
PGFEATFFQLPRMSSCGGRLRKAQGT FNSPYYPGHYPNIDCTWNIEVPNNQHV KVRFKFFYLLE
PGVPAGTCPKDYVEINGEKYCGERSQFVVTSNSNKITVRFHSDQSYDTGFLAEYLSYDSSDPCP
GQFTCRTGRCIRKELRCDGWADCTDHSDELNCSCDAGHQFTCKNKFCPLFWVCD SVND CGD
NSDEQGCSCPAQTFRCSNGKCLSKSQQCNGKDDCGDGSDEASCPKVNVTCTKHTYRCLNGL
CLSKGNPECDGKEDCSDGSDEKDCDCGLRSFTRQARVVGGTDADEGEWPWQVSLHALGQGH
ICGASLISP NWLVSAAH CYIDDRGFRYSDPTQWTAFLGLHDQSQRSAPGVQERRLKRIISHPFFND
FTFDYDIALLELEKPAEYSSMVRPICLPDASHVFPAGKAMVTGWGHTQYGGTGALILQKGEIRVIN
Q TTCENLLPQQITPRMMCVGFLSGGVDSCQGD SGGPLSSVEADGRIFQAGV VSWGDGCAQRN
KPGVYTRLPLFRDWIKENTGV

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 — ST14

Entrez GeneID [6768](#)

GeneBank Accession# [BC030532.1](#)

Protein Accession# [AAH30532.1](#)

Gene Name ST14

Gene Alias HAI, MT-SP1, MTSP-1, MTSP1, PRSS14, SNC19, TADG-15

Gene Description suppression of tumorigenicity 14 (colon carcinoma)

Omim ID [606797 610765](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is an epithelial-derived, integral membrane serine protease. This protease forms a complex with the Kunitz-type serine protease inhibitor, HAI-1, and is found to be activated by sphingosine 1-phosphate. This protease has been shown to cleave and activate heparocyte growth factor/scattering factor, and urokinase plasminogen activator, which suggest the function of this protease as an epithelial membrane activator for other proteases and latent growth factors. The expression of this protease has been associated with breast, colon, prostate, and ovarian tumors, which implicates its role in cancer invasion, and metastasis. [provided by RefSeq]

Other Designations epithin|matrilysin|membrane-type serine protease|serine protease TADG-15|suppression of tumorigenicity 14|suppression of tumorigenicity 14 (colon carcinoma, matrilysin, epithin)|tumor associated differentially expressed gene 15 protein

Disease

- [Tobacco Use Disorder](#)