

ST14

Reactivity:Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:94kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human ST14

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

HAI; MTSP1; SNC19; ARCI11; MT-SP1; PRSS14; TADG15; TMPRSS14;

Catalog #:A6135

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:6768

Isotype:IgG

Swiss Prot:Q9Y5Y6

Purity:Affinity purification

For research use only.

Background:

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 hepatocyte 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.

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