

## **Product datasheet for TA346508**

## **ST14 Rabbit Polyclonal Antibody**

## **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-ST14 antibody: synthetic peptide directed towards the middle region

of human ST14. Synthetic peptide located within the following region: RHPGFEATFFQLPRMSSCGGRLRKAQGTFNSPYYPGHYPPNIDCTWNIEV

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Purification:** Affinity Purified

Conjugation: Unconjugated

Storage: Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 95 kDa

**Gene Name:** suppression of tumorigenicity 14

Database Link: NP 068813

Entrez Gene 6768 Human

Q9Y5Y6



**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



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. [provided by RefSeq, Jul 2008]

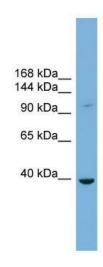
Synonyms: ARCI11; HAI; MT-SP1; MTSP1; PRSS14; SNC19; TADG15; TMPRSS14

Note: Immunogen Sequence Homology: Human: 100%; Bovine: 100%; Pig: 93%; Rat: 93%; Mouse:

93%; Dog: 92%; Rabbit: 92%; Horse: 86%; Guinea pig: 79%; Zebrafish: 75%

**Protein Families:** Druggable Genome, Protease, Transmembrane

## **Product images:**



WB Suggested Anti-ST14 Antibody Titration: 0.2-1 ug/ml; Positive Control: THP-1 cell lysate