Datasheet for ABIN1533956

# anti-STEAP4 antibody (AA 201-250)

2 Images

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## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| Target: | STEAP4 |
| Binding Specificity: | AA 201-250 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This STEAP4 antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF) |

## Product Details

| | |
|---|---|
| Immunogen: | The antiserum was produced against synthesized peptide derived from human STEAP4. |
| Isotype: | IgG |
| Specificity: | STEAP4 Antibody detects endogenous levels of total STEAP4 protein. |
| Purification: | The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen. |
| Purity: | > 95 % |

## Target Details

| | |
|---|---|
| Target: | STEAP4 |
| Alternative Name: | STEAP4 (STEAP4 Products) |
| Background: | Synonyms: Six-transmembrane epithelial antigen of prostate 4, SixTransMembrane protein of |

## Target Details

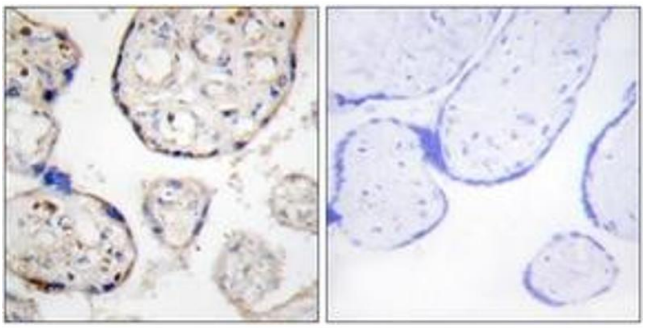
| | |
|---|---|
| | prostate 2, Tumor necrosis factor, alpha-induced protein 9<br>NCBI Gene Symbol: STEA4 |
| Molecular Weight: | 51 kDa |
| Gene ID: | 79689 |
| OMIM: | 611098 |
| UniProt: | Q687X5 |
| Pathways: | Transition Metal Ion Homeostasis |

## Application Details

| | |
|---|---|
| Application Notes: | IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:20000 |
| Comment: | Unigene-Number: Hs.521008 (NCBI Gene Symbol: STEA4) |
| Restrictions: | For Research Use only |

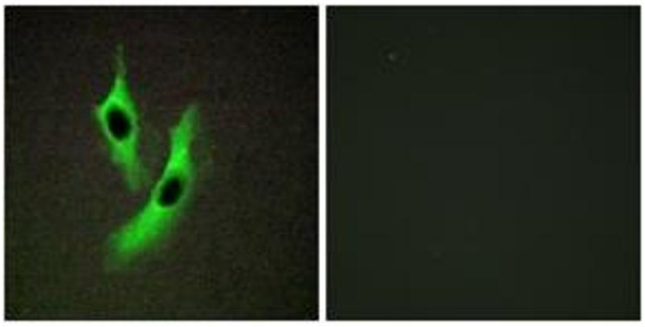
## Handling

| | |
|---|---|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Stable at -20°C for at least 1 year. |
| Expiry Date: | 12 months |



## Immunohistochemistry

**Image 1.** Immunohistochemistry analysis of paraffin-embedded human placenta tissue, using STEAP4 Antibody. The picture on the right is treated with the synthesized peptide.



## Immunofluorescence

**Image 2.** Immunofluorescence analysis of HeLa cells, using STEAP4 Antibody. The picture on the right is treated with the synthesized peptide.