Product Datasheet

# STEAP3 Antibody

Catalog No: #32080

Package Size: #32080-1 50ul #32080-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

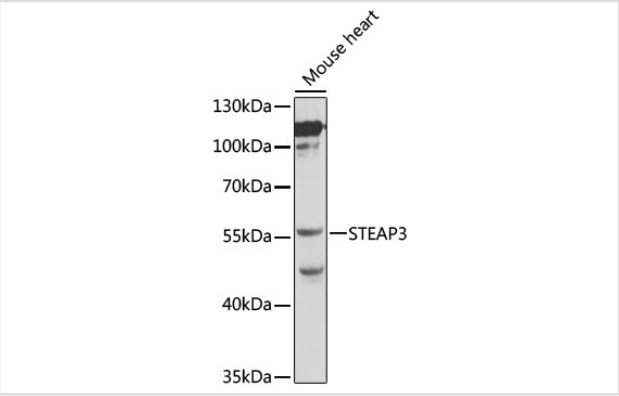
## Description

| | |
|---|---|
| Product Name | STEAP3 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antibodies were purified by affinity purification using immunogen. |
| Applications | WB |
| Species Reactivity | Human,Mouse |
| Specificity | The antibody detects endogenous level of total STEAP3 protein. |
| Immunogen Type | Recombinant Protein |
| Immunogen Description | Recombinant protein of human STEAP3. |
| Target Name | STEAP3 |
| Other Names | STEAP3; STMP3; TSAP6; dudlin-2; |
| Accession No. | Swiss-Prot:Q658P3NCBI Gene ID:55240 |
| Uniprot | Q658P3 |
| GeneID | 55240; |
| SDS-PAGE MW | 55KD |
| Concentration | 1.0mg/ml |
| Formulation | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C |

## Application Details

WB□1:500 - 1:2000

## Images




Western blot analysis of extracts of mouse heart, using STEAP3 at 1:1000 dilution.

## Background

Caspases modulate apoptosis in various ways. Specifically, Caspase-3, a death protease, is instrumental in cleaving cellular proteins, dismantling the cell and forming apoptotic bodies. pHyde has a potential role as a tumor suppressor by inducing caspase-3-mediated apoptosis and stimulating p53 expression. A dose-dependent increase in caspase-3 activity is observed in transduced pHyde DU145 cells. Furthermore, caspase-3 may be necessary for pHyde-mediated apoptosis. The pHyde gene may upregulate the apoptosis pathway and thus have a potential application in cancer gene therapy. Recombinant pHyde inhibits the growth of human prostate cancer cell lines DU145 and LNCaP in vitro. DU145 tumors may be reduced significantly in vivo when nude mice are injected with recombinant pHyde. pHyde also has a demonstrated growth inhibitory effect on human breast cancer cells. This suggests that pHyde may have a role in inhibiting different tumor types.

Note: This product is for in vitro research use only