

Anti-TSAP6 / STEAP3 Antibody

Rabbit Anti Human Polyclonal Antibody Catalog # ALS18319

Specification

Anti-TSAP6 / STEAP3 Antibody - Product Information

Application WB, IHC-P Primary Accession Q658P3

Predicted Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

Isotype IgG
Calculated MW 54601

Anti-TSAP6 / STEAP3 Antibody - Additional Information

Gene ID 55240

Alias Symbol STEAP3

Other Names

STEAP3, Dudulin-2, Dudlin-2, Dudulin-2, Metalloreductase STEAP3, HTSAP6, PHyde, Tumor suppressor pHyde, TSAP6, HpHyde, STMP3

Target/Specificity
Human TSAP6 / STEAP3

Reconstitution & Storage

Affinity purified

Precautions

Anti-TSAP6 / STEAP3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

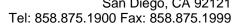
Anti-TSAP6 / STEAP3 Antibody - Protein Information

Name STEAP3

Synonyms TSAP6

Function

Integral membrane protein that functions as a NADPH-dependent ferric-chelate reductase, using NADPH from one side of the membrane to reduce a Fe(3+) chelate that is bound on the other side of the membrane (PubMed:26205815). Mediates sequential transmembrane electron transfer from NADPH to FAD and onto heme, and finally to the Fe(3+) chelate (By similarity). Can also reduce Cu(2+) to Cu(1+) (By similarity). Mediates efficient transferrin-dependent iron uptake in erythroid cells (By similarity). May play a role downstream of p53/TP53 to interface apoptosis and cell cycle progression (By similarity). Indirectly involved in exosome secretion by facilitating the secretion of





proteins such as TCTP (PubMed:15319436, PubMed:16651434).

Cellular Location

Endosome membrane {ECO:0000250|UniProtKB:Q8CI59}; Multi-pass membrane protein. Note=Localizes to vesicular- like structures at the plasma membrane and around the nucleus

Tissue Location

Expressed in adult bone marrow, placenta, liver, skeletal muscle and pancreas. Down-regulated in hepatocellular carcinoma.

Anti-TSAP6 / STEAP3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-TSAP6 / STEAP3 Antibody - Images