

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, 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 Cytometry](#)
- [Cell Culture](#)

Anti-TSAP6 / STEAP3 Antibody - Images