

## Product datasheet for **TA326846**

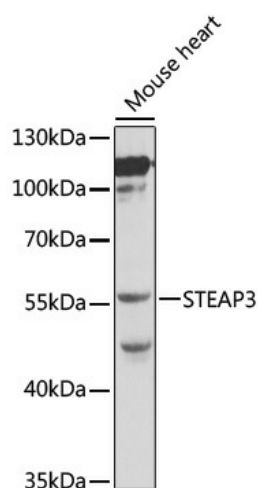
### STEAP3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	WB, 1:500 - 1:2000 ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Reactivity:	Mouse, Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Formulation:	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	55kDa
Gene Name:	STEAP3 metalloredutase
Database Link:	<a href="#">NP_060704</a> <a href="#">Entrez Gene 68428 Mouse</a> <a href="#">Entrez Gene 55240 Human</a> <a href="#">Q658P3</a>
Background:	This gene encodes a multipass membrane protein that functions as an iron transporter. The encoded protein can reduce both iron (Fe <sup>3+</sup> ) and copper (Cu <sup>2+</sup> ) cations. This protein may mediate downstream responses to p53, including promoting apoptosis. Deficiency in this gene can cause anemia. Alternative splicing results in multiple transcript variants.
Synonyms:	AHMIO2; dudlin-2; dudulin-2; pHyde; STMP3; TSAP6
Protein Families:	Transmembrane
Protein Pathways:	p53 signaling pathway


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## Product images:



Western blot analysis of lysates from mouse heart