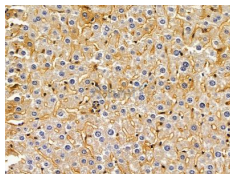


STEA3 Ab

[Images\(2\)](#)

Cat.#: AF0652	Concn.: ~1mg/ml	Mol.Wt.: 54kDa
Size:	Source: Rabbit	Clonality: Polyclonal
Application:	IHC 1:50-1:200, WB 1:500-1:2000, IF/ICC 1:100-1:500 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human, Mouse, Rat	
Storage:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).	
Immunogen:	A synthesized peptide derived from human STEA3, corresponding to a region within N-terminal amino acids.	
Uniprot:	Q658P3	
Description:	STEAP3 is a multi-pass membrane protein induced directly by p53. It plays an important role in facilitating exosome secretion. It enhances secretion in the DNA damage-induced p53-dependent exosomal secretory pathway. It localizes to vesicular-like structures at the plasma membrane and around the nucleus. It is highly expressed in hematopoietic tissues where it localizes to the specialized endosome. An endosomal ferrireductase required for efficient transferrin-dependent iron uptake in erythroid cells. It participates in erythroid iron homeostasis by reducing Fe(3+) to Fe(2+). It can also reduce Cu(2+) to Cu(1+), suggesting that it participates in copper homeostasis. It uses NAD(+) as acceptor.	



AF0652 at 1/100 staining mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-rabbit Ab was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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