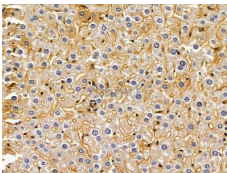


STE A3 Ab

[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 a multi-pass membrane protein induced directly by p53. Plays an important role in facilitating exosome secretion. Enhances secretion in the DNA damage-induced p53-dependent exosomal secretory pathway. Localizes to vesicular-like structures at the plasma membrane and around the nucleus. 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. Participates in erythroid iron homeostasis by reducing Fe(3+) to Fe(2+). Can also reduce of Cu(2+) to Cu(1+), suggesting that it participates in copper homeostasis. 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.