

Product datasheet for **AP08113PU-N**

Ferritin Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunohistochemistry: 1/50–1/100 using polymer or streptavidin–biotin system. For formalin-fixed paraffin-embedded (FFPE) tissue sections and cell smears better staining is observed when antigen retrieval is used (boiling the tissue in 10 mM citrate, pH 6.0 for 10–15 minutes, followed by cooling for 10–15 minutes. <i>Positive Control:</i> Human spleen or liver.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Purified Human Ferritin
Specificity:	This antibody reacts with Ferritin. Cellular localization: Cytoplasmic.
Formulation:	10 mM PO ₄ , 150 mM NaCl, pH 7.4 containing 0.05% Sodium Azide as preservative and 1% BSA as stabilizer State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Protein A chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2–8°C.
Stability:	Shelf life: One year from despatch.



Background: Ferritin protein consists of 24 protein units, these are both light and heavy type with MW of 19 kDa and 21 kDa respectively. Each Ferritin complex (MW 474 kDa) can store 4500 iron ions. Serum Ferritin levels are measured as part of the iron studies work up for anemic and for restless leg syndrome. Ferritin can be elevated during periods of acute malnourishment.

Synonyms: FTH, FTL, Ferritin H subunit, Ferritin L subunit