# antibodies -online.com







# anti-FTH1 antibody (AA 1-100)

Publication **Images** 



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Quantity:	100 μL
Target:	FTH1
Binding Specificity:	AA 1-100
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FTH1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffinembedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

# **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human Ferritin heavy chain
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

# **Target Details**

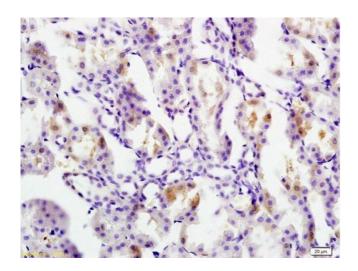
Target:	FTH1
Alternative Name:	Ferritin heavy chain (FTH1 Products)

# **Target Details**

proliferation-inducing gene 15 protein, FTH1, OK/SW-cl.84 Background: Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Has ferroxidase activity. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation. Also plays a role in delivery of iron to cells. Mediates iron uptake in capsule cells of the developing kidney (By similarity).  Gene ID: 2495  UniProt: P02794  Pathways: Transition Metal Ion Homeostasis  Application Details  Application Notes: WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-P 1:200-400 IHC-F 1:100-500  Restrictions: For Research Use only  Handling  Format: Liquid  Concentration: 1 µg/µL  Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.  Preservative: ProClin	•		
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Publications	Expiry Date:	12 months	
	Publications		
Product cited in: Zhang, Zhao, Chang, Zhang, Chu, Zhang, Liu, Guo, Wang, Gao, Zhang, Chu: "Calcium channe	Product cited in:	Zhang, Zhao, Chang, Zhang, Chu, Zhang, Liu, Guo, Wang, Gao, Zhang, Chu: "Calcium channel	

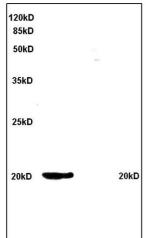
blockers ameliorate iron overload-associated hepatic fibrosis by altering iron transport and stellate cell apoptosis." in: **Toxicology and applied pharmacology**, Vol. 301, pp. 50-60, (2016) (PubMed).

# **Images**



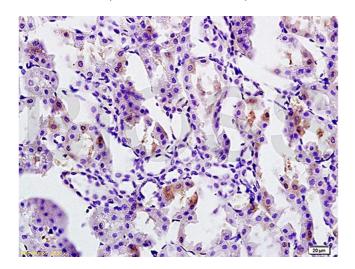
# **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Formalin-fixed and paraffin embedded rat kidney tissue labeled with Anti Ferritin Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining



### **SDS-PAGE**

**Image 2.** Formalin-fixed and paraffin embedded rat kidney tissue labeled with Anti Ferritin Polyclonal Antibody, Unconjugated (ABIN759641) at 1:200 followed by conjugation to the secondary antibody and DAB staining



### **Immunohistochemistry**

**Image 3.** L1 rat brain lysate L2 rat colon lysates probed with Anti Ferritin Polyclonal Antibody, Unconjugated (ABIN759641) at 1:200 overnight at 4 °C. Followed by conjugation to secondary antibody at 1:3000 for 90 min at 37 °C. Predicted band 20kD. Observed band size: 20kD