

Datasheet for ABIN632085  
**anti-FTH1 antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	FTH1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FTH1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	FTH1 antibody was raised using the N terminal of FTH1 corresponding to a region with amino acids MTTASTSQVRQNYHQDSEAAINRQINLELYASYVYLSMSYYFDRDDVALK
Specificity:	FTH1 antibody was raised against the N terminal of FTH1
Purification:	Affinity purified

## Target Details

Target:	FTH1
Alternative Name:	FTH1 ( <a href="#">FTH1 Products</a> )
Background:	FTH1 is the heavy subunit of ferritin, the major intracellular iron storage protein in prokaryotes and eukaryotes. It is composed of 24 subunits of the heavy and light ferritin chains. Variation in ferritin subunit composition may affect the rates of iron uptake and release in different tissues.

## Target Details

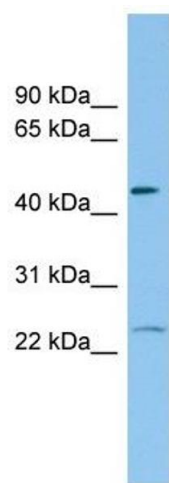
	A major function of ferritin is the storage of iron in a soluble and nontoxic state. Defects in ferritin proteins are associated with several neurodegenerative diseases.
Molecular Weight:	21 kDa (MW of target protein)
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a>

## Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	FTH1 Blocking Peptide, catalog no. 33R-6567, is also available for use as a blocking control in assays to test for specificity of this FTH1 antibody
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of FTH1 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

**Image 1.** FTH1 antibody used at 1 ug/ml to detect target protein.