

## Ferritin Polyclonal Antibody(Capture/Detector)

catalog number: AN000070P

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

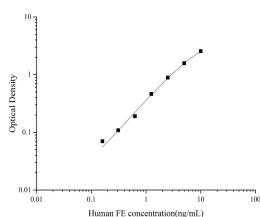
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human Ferritin protein expressed by E.coli
<b>Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

### Applications

### Recommended Dilution

<b>ELISA Capture</b>	2-8 µg/mL
<b>ELISA Detector</b>	0.1-0.4 µg/mL

### Data



Sandwich ELISA-Recombinant Human Ferritin protein standard curve. Background subtracted standard curve using

Ferritin antibody(AN000070P)(Capture), Ferritin antibody(AN000070P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human Ferritin protein is 0.156-10 ng/mL.

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

FTH (Ferritin Heavy Chain 1, also Proliferation-Inducing Protein 15, PIG15, and PIIF) is a 183 aa cytosolic and secreted protein. Human FTH is highly conserved among species and shares 93% and 95% aa identity with mouse and rat FTH, respectively. Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. 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.

### For Research Use Only