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# Ferritin Polyclonal Antibody

Catalog Number: E-AB-40577



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

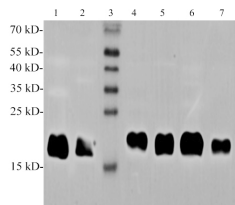
## Description

<b>Reactivity</b>	Mouse,Rat
<b>Immunogen</b>	Recombinant Rat Ferritin protein expressed by E.coli.
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol,pH 7.4

## Applications Recommended Dilution

<b>WB</b>	1:1000-2000
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## Data



Western blotting with anti-Ferritin polyclonal Antibody at dilution of 1:1000. Lane 1: Raw264.7 cell lysates, lane 2: PC-12 cell lysate, lane 3: Marker, lane 4: Mouse brain lysate, lane 5: Mouse kidney lysate, lane 6: Rat brain lysate, lane 7: Rat kidney lysate.

**Observed Mw:21kDa**  
**Calculated Mw:21kDa**

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

Ferritin, a major form of endogenous iron in food legumes such as soybeans, is a novel and natural alternative for iron supplementation strategies where effectiveness is limited by acceptability, cost, or undesirable side effects. A member of the nonheme iron group of dietary iron sources, ferritin is a complex with Fe<sup>3+</sup> iron in a mineral (thousands of iron atoms inside a protein cage) protected from complexation. Ferritin illustrates the wide range of chemical and biological properties among nonheme iron sources.

## For Research Use Only

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