

DNAxPAb

Hard-to-Find  
Antibody

# FTH1 DNAxPab

Catalog # H00002495-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human FTH1 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MTASTSQVRQNYHQDSEAAINRQINLELYASYVYLSMSYYFDRDDVALKNFAKYFLHQSHEEREH AEKLMKLQNQRGGRIFLQDIKKPDCDDWESGLNAMECALHLEKNVNQSLLELHKLATDKNDPHL CDFIETHYLNEQVKAIKELGDHVTNLRKMGAPESGLAEYLFDKHTLGDSDNES
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — FTH1

**Entrez GeneID** [2495](#)**GeneBank Accession#** [NM\\_002032.2](#)**Protein Accession#** [NP\\_002023.2](#)**Gene Name** FTH1**Gene Alias** FHC, FTH, FTHL6, MGC104426, PIG15, PLIF**Gene Description** ferritin, heavy polypeptide 1**Omim ID** [134770](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene encodes 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. 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. This gene has multiple pseudogenes. Several alternatively spliced transcript variants have been observed, but their biological validity has not been determined. [provided by RefSeq]

**Other Designations** apoferritin|placenta immunoregulatory factor|proliferation-inducing protein 15

## Pathway

- [Porphyrin and chlorophyll metabolism](#)

## Disease

- [Parkinson disease](#)