

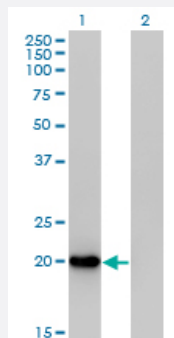
MaxPab®

FTH1 purified MaxPab mouse polyclonal antibody (B03P)

Catalog # H00002495-B03P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of FTH1 expression in transfected 293T cell line ([H00002495-T02](#)) by FTH1 MaxPab polyclonal antibody.

Lane 1: FTH1 transfected lysate(20.13 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human FTH1 protein.
Immunogen	FTH1 (NP_002023.2, 1 a.a. ~ 183 a.a) full-length human protein.
Sequence	MTTASTSQVRQNYHQDSEAAINRQINLELYASYVYLSMSYFDRDDVALKNFAKYFLHQSHEEREH AEKLMKLQNQRGGRIFLQDIKKPDCDDWESGLNAMECALHLEKNVNQSLLELHKLATDKNDPHL CDFIETHYLNEQVKAIKELGDHVTNLRKMGAPESGLAEYLFDKHTLGSDNES
Host	Mouse
Reactivity	Human
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.

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[Protocol Download](#)

Gene Info — FTH1

Entrez GeneID [2495](#)

GeneBank Accession# [NM_002032](#)

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](#)