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Product datasheet for TA321426

Ferritin Heavy Chain (FTH1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 100-300 Positive control: Human ovarian cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ferritin heavy chain 1
Database Link:	NP_002023 Entrez Gene 14319 MouseEntrez Gene 25319 RatEntrez Gene 2495 Human P02794
Background:	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.
Synonyms:	FHC; FTH; FTHL6; HFE5; PIG15; PLIF

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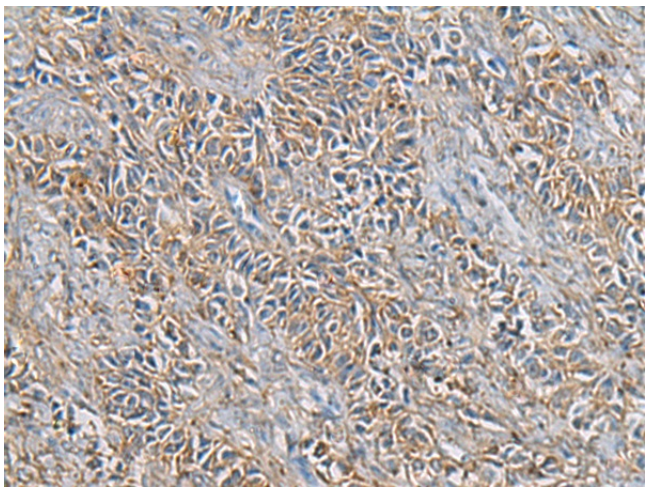
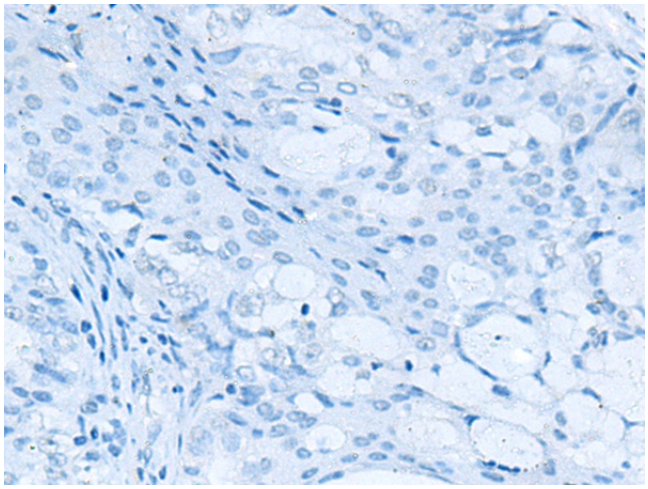
Protein Families: Druggable Genome

Protein Pathways: Porphyrin and chlorophyll metabolism

Product images:



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA321426 (FTH1 Antibody) at dilution 1/100 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA321426 (FTH1 Antibody) at dilution 1/100, treated with fusion protein. (Original magnification: ×200)