

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB09091 - Goat Anti-FTH1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FTH1, ferritin, heavy polypeptide 1, FHC, FTH, FTHL6, MGC104426, PIG15, PLIF, apoferritin, placenta immunoregulatory factor, proliferation-inducing protein

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Official Symbol: FTH1

Accession Number(s): NP_002023.2

Human GeneID(s): 2495

Immunogen

Peptide with sequence C-DKHTLGDSDNES, from the C Terminus of the protein sequence according to NP_002023.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:2000.

Western blot: Approx 20kDa band observed in Human Placenta lysates (calculated MW of 21.2kDa according to NP_002023.2). Recommended concentration: 0.3-1µg/ml.

Primary incubation was 1 hour.

IHC: Paraffin embedded Human Cerebral Cortex. Recommended concentration: 5µg/ml.

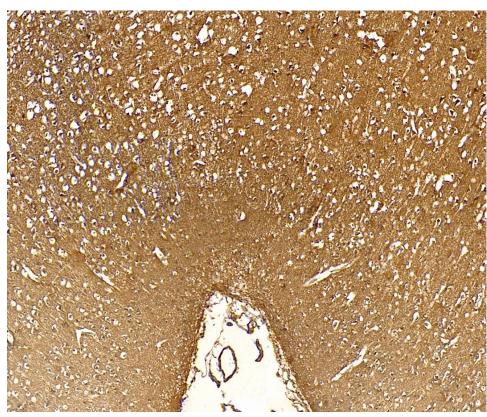
Species Reactivity

Tested: Human

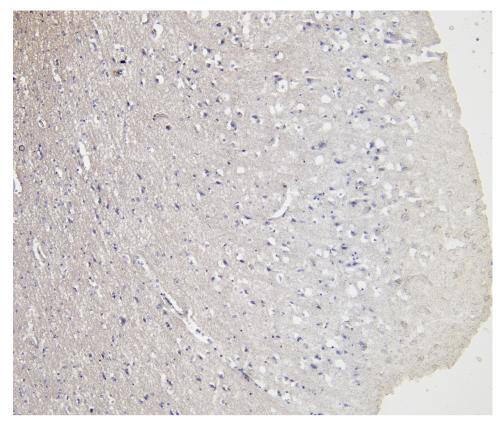
Expected from sequence similarity: Human



EB09091(0.3µg/ml) staining of Human Placenta lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB06377 ($5\mu g/ml$) staining of paraffin embedded Human Cerebral Cortex. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB06377 Negative Control showing staining of paraffin embedded Human Cerebral Cortex, with no primary antibody.