

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**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 15

**Official Symbol:** FTH1

**Accession Number(s):** NP\_002023.2

**Human GeneID(s):** [2495](#)

### Immunogen

Peptide with sequence C-DKHTLGSDNES, 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.

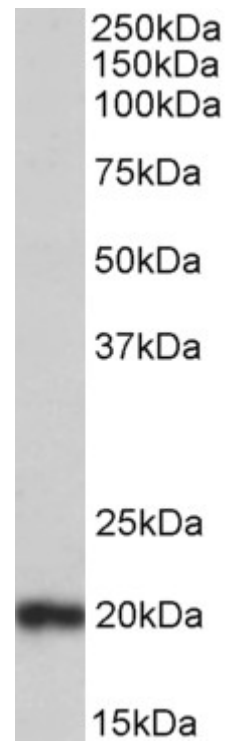
**Western blot:** Approx 20kDa band observed in Human Placenta lysates (calculated MW of 21.2kDa according to NP\_002023.2). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

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

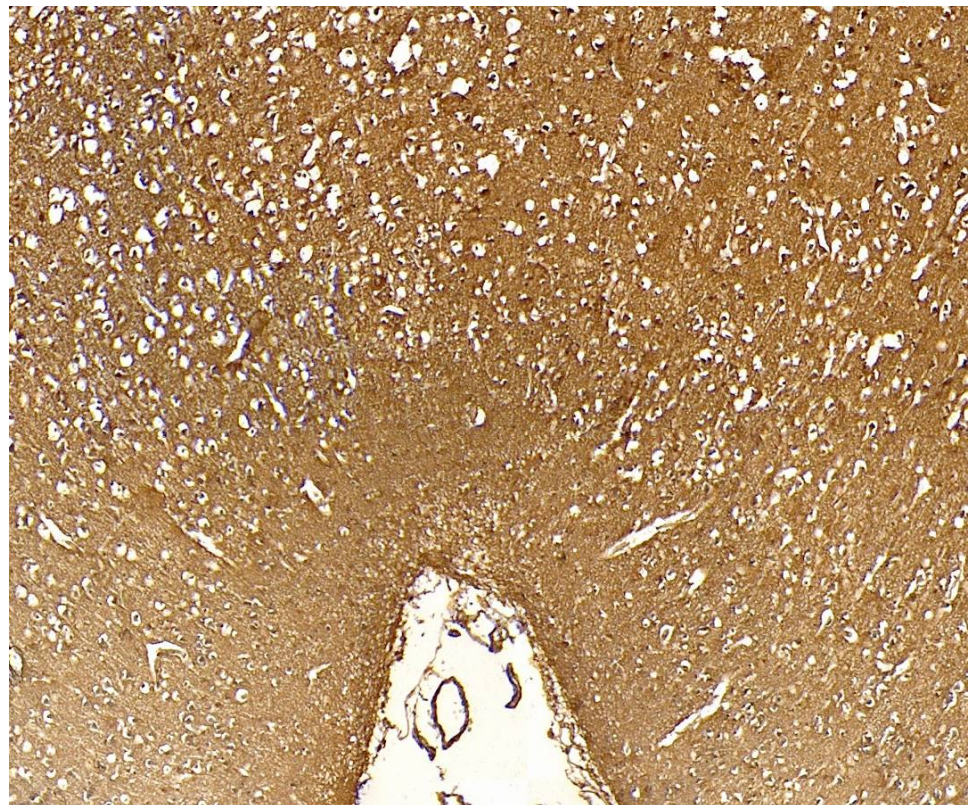
### Species Reactivity

**Tested:** Human

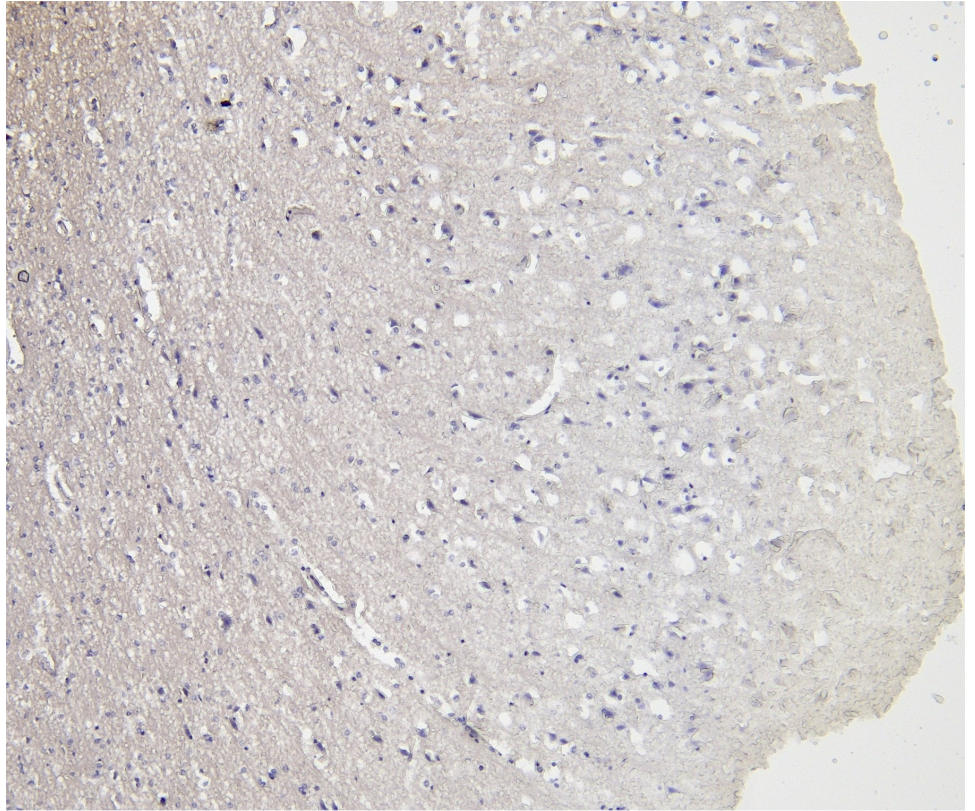
**Expected from sequence similarity:** Human



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



EB06377 (5µg/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.